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MCKENZIE'S SEEDS

1917

21ST
ANNUAL

BRANDON
MAN.

"Nothing is more pleasing to the eye than green grasses kept finely shorn."—Bacon



McKenzie's Lawn Grass Mixtures

Beautify
Western Homes



TO PRODUCE a satisfactory lawn requires a good deal of care—much more than is usually given—and it frequently happens that disappointment is caused by the omission of some important detail which should have been attended to BEFORE the seeds were sown. One of the chief causes of disappointment is sowing the seeds on ground not sufficiently clean and free from weeds and coarse grasses, with the result that weeds and lawn grasses come up together. For the guidance of those about to lay down a lawn, we have compiled a special booklet giving much valuable information—it is free to customers.

McKenzie's Emerald Green Lawn Seed

1530—One reads and hears a good deal nowadays about "geological formations" and other scientific terms used in connection with laying down land to grass. While this applies particularly to large areas, it also enters to some extent into consideration in the formation of a lawn. The *chief essential*, however, is a *suitably prepared mixture* of the *finest dwarf growing grasses* which will produce that desirable *smooth, velvety and green* appearance which so delights the eye and becomes an everlasting source of pleasure. McKenzie's "Emerald Green" is composed of *finest ingredients* which will, under normal conditions, *flourish under our soil and climate* and produce a *perfect and enduring lawn*.

McKenzie's "Western Parks" Lawn Seed

1535—A most *reliable mixture* of fine growing grasses, but as it does not contain the same proportion of the more expensive sorts as "Emerald Green," we are able to quote it on a cheaper basis. Where economy in price is a consideration we *strongly recommend* "Western Parks"—it will produce a very satisfactory green lawn and is the *best mixture ever offered at the price*.

McKenzie's "Sporting Ground" Mixture

For School Grounds, Large Farm Yards, etc. For Tennis Grounds, Football Grounds, Race Tracks, etc.

1540—McKenzie's Sporting Ground Mixture is a *carefully selected and prepared mixture* for tennis grounds, football grounds, race tracks, school grounds, cemeteries, etc., where the area seeded is intended to encounter hardship. A *mixture* that will *grow quickly* and *possesses qualities of endurance* is what is requisite. McKenzie's Sporting Ground Mixture possesses the *necessary qualities*. It will not make as fine and beautiful turf as McKenzie's Emerald Green Lawn Seed, as this *special high-grade mixture* is intended *exclusively* to produce the *most handsome lawns in Canada*. Sow at the rate of 80 pounds per acre.

If ordered sent by mail add 10c per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. or more add 30c for cotton bag.

By Express

1 lb. Postpaid	10 lbs. or more per	50 lbs. or more lb.
\$.45	\$.29	\$.28
.40	.24	.23
	25 lbs. or more	50 lbs. or more
	.18	.17

Orders for 10 lbs.

QUANTITY REQUIRED.—(To secure the best results, we recommend a liberal seeding, which will give a firm, close turf very quickly. If seeded lightly, grass is liable to grow tufty, and weeds predominate, requiring recleaning of the plot and resowing the following season. 1 lb. to a plot 10 x 20 or 200 square feet, 5 lbs. to 1,000 square feet, etc. Acre lots may be sown more thinly—about 100 lbs. to the acre.)

A. E. McKenzie Co., Ltd.

Special Supplementary Offer

of

Choice Stocks

WHEAT

Prices quoted are f.o.b. Brandon.

Wheat—Add for each two bushels 15c for jute sacks.



OATS

Prices quoted are for quantities of not less than 10 bushels.

Oats—Add for each 2 1-2 bushels 15c for jute sacks.

WHEN ORDERING, USE ORDER SHEET AND INDICATE STOCK BY NUMBER

"There's a Reason" Unusual conditions sometimes render new methods imperative. This Supplement is the logic of events the need of the hour.

A great shortage of choice *Seed Wheat* and *Seed Oats* exists in many districts. This condition renders necessary the accumulation on a large scale of "*General Stock Seed*," but not necessarily pedigreed stock as represented in the interior of our catalogue proper, beginning page 44. The whole situation is one of so great importance, as to demand treatment in this *special publication*, in order to properly inform buyers of the extra large quantities of "*Sample Selected 'General Stock Seed'*" which is provided to meet the exceptional demand.

Our Duty When special conditions exist as at present, we realize that it is our duty as a seed institution, to equip ourselves and to make more than ordinary effort to serve the country, with high grade general stock seeds such as the rank and file of buyers require.

Special Supply If the agricultural interests of this country are to be properly safeguarded in respect to seed supply, it follows that an institution such as ours whose only business is to grow, provide, and distribute seeds, naturally has a responsibility to discharge, especially in such a season as the present.

As a correlative to present conditions we are pleased to be in the position to announce that we *have the stock* wherewith we can creditably meet the demand—and not only this, but *give satisfaction*.

Notwithstanding that we have here at Brandon the largest seed plant in Western Canada, a building comprising eight (8) floors each 120 x 60 feet, specially erected and equipped for preparation of seeds, yet this abundant space is entirely inadequate to house the stocks we have provided to meet the needs of the country, this extraordinary season, when almost whole townships are without seed wheat, and short of oats.

Special Freight Rates from Brandon

After it became apparent that there would be such an enormous demand for *seed wheat, oats and Barley* in Manitoba and in large areas of Saskatchewan owing to rust epidemic last harvest, we requested the Canadian Pacific Railway Co., and through them the Canadian Northern Railway Co., to grant the privilege of allowing us to ship carloads of *wheat, oats, and barley* into Brandon for storage and cleaning—under the special reduced seed tariff—and then re-ship from Brandon in carloads (only) on the balance of the through mileage rate under the same tariff. We considered that such an arrangement should be made in the interests of the farmers in the rust affected districts.

We are pleased to be in position to announce that the railways, C.P.R. and C.N.R., seeing the necessity, granted the application.

This will be a distinct advantage to three classes of buyers, viz.:

- a. The individual farmer buying carloads.
- b. Farmers clubbing orders to make up carloads.
- c. Municipalities purchasing carloads.

Reference, C.P. Ry. Tariff No. W. 2195, Supplement No. 2. We quote from same the following:

WHEAT, OATS AND BARLEY CLEANED AT BRANDON, MAN.

Carload shipments of Wheat, Oats and Barley may be cleaned at Brandon, Man., and reshipped to stations in Manitoba and Saskatchewan upon presentation of a certificate signed by the Reeve and Secretary of the Municipality showing that the grain is to be used for seeding purposes only, within their Municipality. Agent, Brandon, Man., will apply the balance of the through seed grain rate published in Tariff based on the actual mileage from point of origin via Brandon to final destination of shipment, plus 1 cent per 100 lbs. for extra terminal service.

Certificate must accompany waybill, and the date of certificate, also name of Reeve and Secretary, must be endorsed on waybill. Inwards expense bills to be taken up and cancelled, and reference to the inwards waybills shown on outwards waybills covering the reshipment.

NOTE:—Purchasers of carlots should see to it that the above certificate is promptly forwarded to us, otherwise the special reduced rate will not apply.

Less than Carload

Let it be remembered that as in previous years, so in 1917, shipments from us of seed wheat, oats, barley, and also rye, flax, and grass seeds, shipped from our Brandon warehouse, will participate in usual seed tariff rates as per the provisions of said tariff. The difference between the two tariffs is that under the carload schedule, the special seed tariff applied on inward charge into Brandon, with a 1c per 100 lbs stopover for storage and cleaning as well as on outward billing from Brandon.

Cartage

Our own teams do all the cartage from our warehouse to the railways, so that there is no cartage tacked on to your freight bills as in the case of shipments from other large cities. The buyer pays freight only, no cartage.

Cash Deposit

Recognising the probability of some of our prospective customers being short of cash, we are prepared to reserve orders for stocks offered in this supplement on terms of a *cash deposit*. To those who are anxious to protect their requirements early before there is a shortage of seed, but find it inconvenient to provide sufficient cash to pay for same, we will accept orders accompanied by a *cash deposit of 25%* of the total value of the order on the distinct understanding that balance is paid when the purchaser orders the shipment forward. All seeds so ordered will be immediately reserved, labelled and held without advance or alteration of the original purchase price or any extra charge whatever for interest, storage or fire insurance. We wish to make it clear that we do not undertake to hold any such orders later than March 27th, so that balance of purchase price must be in our hands on or before that date.

This special privilege is extended not only to individual buyers, but also to *Municipalities* purchasing from us in carlots, or to buyers who *syndicate or club their orders for car lots*. This will be a distinct advantage to those who have not ready cash or those who are unable to complete financial arrangements until the month of March. It enables them to make sure of having their seed secured, and not leave them at the peril of hunting seed after most of the available and best stocks have been picked up by forehanded buyers.

This privilege is extended to buyers of stock from either supplement or catalog.

Change of Prices

On account of the unsettled condition of the market, it is impossible to anticipate accurately prices in advance.

Consequently our price on Wheat, Marquis Stock K. 70 is subject to change without notice.

The lowest price we can sell this stock in 10 bushel lots or more, is **\$2.10** per bushel, although based on quality and cost, we should sell at **\$2.25** per bushel.

In order that buyers may know what to rely upon as to change of price we submit for guidance the following as a basis, viz.:

When Fort William price for commercial grade 1 Northern is under **\$1.85**, our price will be **\$2.10** per bushel. Whenever Fort William price is **\$1.85** or more, add to our price of **\$2.10**. 1c or fraction thereof per bushel concurrent with each advance of 1c or fraction thereof per bushel.

Should Fort William advance over **\$2.00** per bushel, we will not advance "K.70 Marquis Seed" above **\$2.25**, no matter how high commercial grades go.

Price will be established according to the close of the market on the day your order is received. Full value of your remittance will be shipped on this basis.

Remember, McKenzie's Seed Marquis is high grade, well cleaned. "It is different."

OATS. There will be no change on Oat prices.

Wheat---Marquis

STOCK NO K 70 **\$2.¹⁰** per bushel

This stock is not grown under the exacting conditions required to produce McKenzie's Gold Standard Seed, nevertheless it is a high grade of Marquis in fact, quite equal to what is offered by many as Selected Seed Wheat. Grown from exceptionally fine true to type seed, harvested under ideal conditions, not in any way affected by rust, rigidly re-cleaned represents the best value in seed wheat being offered to-day.

It grades No. 1 Northern and No. 1 Seed Marquis. This seed must not be compared with ordinary elevator wheat, as a matter of fact, its closest relationship to ordinary wheat is the price. The low price at which we are offering might very easily suggest that it cannot be of the high quality we claim. The facts are, however, that we are placing our unrivalled facilities at your disposal and are making this *special offer* in view of the *special conditions* that prevail. The demand is abnormal, consequently we have provided many thousands of bushels to protect the needs of farmers.

Oats---Banner

STOCK NO K 74 **88c** per bushel

In the season 1914-15, when, owing to the drought there was such a shortage of seed Oats, we were in the fortunate position of having a heavy high grade stock of this variety which gave exceptional satisfaction to our customers.

Last harvest, as soon as it was apparent that there would be a shortage of seed oats, our buying department (metaphorically speaking,) spread its wings and had men out inspecting crops, so that we might place ourselves in a position to provide for the exceptional wants of our customers.

In view of the fact that outside of stocks that are grown specially for seed, it is difficult to find Banner Oats that do not contain Wild Oats, we feel particularly gratified in being able to offer an A1 stock of well ripened, true to type, high vitality Oats, conforming with the requirements of the Canadian Seed Control Act in regard to freedom from Wild Oats or other noxious weeds within the meaning of the Act. After these oats were graded by our special cleaning machines, they represent a particularly fine sample, and in appearance are quite equal to our "Gold Standard" or "Registered". We stand behind these oats and are positive that for general crop seeding they are the best value to

be had. We have thousands of bushels of these, cleaned and bagged, in our warehouse ready for shipment. Even before the publication of this offer, we are having inquiries for this class of stock. The shortage is so acute customers will be well advised to order early. Once this stock is exhausted it will not be possible to replace either in quality or price. Part of this stock is twelve thousand (12,000) bushels grown on new breaking. The crop at harvest time was indeed a picture, an exceptional crop. The grain is uniform size, true Banner type, if anything on the large size, beautiful seed.

Oats---Victory

STOCK NO K 78 91c per bushel

The selection of the name by which to designate this variety is apt indeed.

A silent, but nevertheless relentless battle for supremacy is in progress between this and other varieties, and if rapid increase in popular favor in a comparatively short period of time is conceded a victory, then this Oat is living up to its name. This special offer gives an opportunity of buying this variety at a reasonable price, to those who have never tried it before and who find it too troublesome to buy a few bushels for the purpose of raising sufficient seed for general sowing.

Earliness, resiliency of straw, plump short awnless kernels, all combine to make this one of the most desirable Oats for the Western provinces. If you require to buy seed this year why not Victory. It has pleased others, it will please you. Our stock is excellent quality, well ripened, heavy plump seed, high germination and vitality, thoroughly re-cleaned. We have provided a large stock, but you know what the shortage is. The demand has already begun and early ordering is the only safe plan. If any convenience to you, why not take advantage of our Deposit privilege explained on page 2 of this Supplement.

Oats---Abundance

STOCK NO K 72 86c per bushel

In view of the extreme shortage of suitable seed oats owing to rust and early frosts, and knowing that many of our customers who have a preference for this variety would require to buy for their general

seeding, we are very glad indeed to be in a position to offer this excellent stock at such a moderate price. They were cut a little on the green side, but this, as most farmers are aware, is not detrimental for seed purposes.

Germination tests show a 99% growth, and they grow very vigorously, proving that they are seed matured. If you require a stock of Abundance Oats for general seeding, to produce for market and feed for next Fall, you cannot do better than invest in this lot which for reference we designate Stock No. K 72.

If on the other hand you simply want to sow sufficient to get you into seed for next year, we would advise you to sow our Regenerated Stock No. 3217, described and offered on page 48, catalog proper.

Oats---Gold Rain

STOCK NO K 76 85c per bushel

We are pleased to offer a very fine stock of this variety. It is true to type, well ripened, germinates 100%. The salient features that distinguish Gold Rain are earliness, heavy yielder, very fine straw. This latter feature might possibly be described as its dominant characteristic.

The straw as well as being of fine quality, possesses wonderful resiliency, and in consequence it withstands wind and storm and thus prevents lodging. The value of this will be readily apparent especially to those who in the past have suffered either total or partial loss of crop from the cause. The straw is of particularly good feeding quality and value.

The grains are of a yellow or golden color, very thin hull, and being of even width they generally weigh very heavy to the bushel. We have seen reports from growers stating that from the separator they weighed 50½ lbs. per bushel.

The stock we offer has been thoroughly re-cleaned and is a very typical sample, which will please the most discriminating buyer.

Duplex Rape-Kale

Lack of space in our catalog, page 42, prevented us devoting the space necessary to proclaim the merit of this, our most recent introduction in fodder plants, which its importance and value demand. Turnip is propagated for the feeding value of the root. With Rape, it is just the opposite, as it is grown for the nourishing and fattening food which is provided by the leaves, but Duplex Rape-Kale, as its name implies, is duplex or double; that is, both the leaves and long large stems extending above the ground are both food products.

Duplex Rape-Kale—Continued

Superintendent McPhail of the Brandon Asylum Farm knows more about the actual usefulness and value of this plant than any other farmer in the west. He has made a practical test of this excellent plant. He is most enthusiastic about it and said there was nothing to beat it.

Mr. McPhail produced five (5) tons of splendid fodder from sowing only one half pound of seed. Just think of producing ten (10) tons of feed from an investment of \$1.30, for one pound of seed.

If you keep stock of any kind, if only a few milch cows, hogs, or sheep, you cannot afford not to grow an acre or more of this phenomenal plant. See catalog page 42 for further particulars.

Special Quotations on Carloads

This is a season when there are three distinct classes of carload buyers:

- a. Personal.
- b. Syndicate or club.
- c. Municipalities.

The quotations submitted both in supplement and catalogue are based on less than carload quantities.

We invite inquiries for quotation on car lots. It will be a pleasure to promptly submit prices and full information concerning stock quoted.

It is hardly necessary that we point out the advantages of clubbing together and buying in carlots. Each sack, whether wheat or oats, containing a uniform quantity, facilitates distribution and unloading at destination.

"There's a Difference." Why?

The discerning buyer considers two things, viz.:

- 1st. The quality offered.
- 2nd. The price.

If there is one duty on the farm more than another which calls for discretion and sound business judgment it is the selection and purchasing of seeds. Judging by the way some regard this important responsibility, one would think that the procuring of seed is more or less of a joke. Why? They act as if the "price" of the seed is first consideration. The fact is that price is only secondary.

The marvel is that many buyers, for the sake of trying to save 25c per bushel on the cost of seed, will buy stock which at harvest time means a loss of \$50 to \$1,000 or more in the value of the crop according to the acreage sown, or they are willing to take the chance of reducing the value of their land all the way from \$1.00 per acre to \$10.00 per acre by polluting it with wild oats or other noxious weeds.

A prime requisite of buying is *values* not *prices*.

We are pleased to be able to assure that we have the *values*, and values in seed means true values at harvest. Our knowledge of the country and its needs, our organization, our scientific methods, our plant and equipment, enable us to prepare our stocks so as to give *seed satisfaction*.

Sacks, 15c each

All the stocks offered in this "Supplement" are put up in good 12 oz. jute sacks. Specifications are as follows:

Wheat—2 bushels in each sack.

Oats—2½ bushels in each sack.

Owing to the high cost of jute and cotton bags this season, we realize farmers do not want to invest large sums of money in bags for large shipments, consequently this extraordinary offer—only 15c. Were we to buy to-day by the carload, these same sacks would cost about 19c each.

The stocks are already put up in these sacks.

Carload orders are shipped out in these sacks as it saves all disputes as to weights and enables farmers to divide their purchases more easily on arrival of car. The sacks are well worth their value on the farm for handling coarse grains, potatoes, etc.

On carload orders (only) we will agree to take the sacks back at 7½c each, provided they are in good condition and the freight is prepaid and return shipment made within twelve (12) days after date of shipment from Brandon.

Order Early

Being so favorably located at Brandon we are able to serve the greatest number in the shortest possible time and with the utmost despatch. It is, however, desirable, to obviate disappointment, that orders be mailed immediately after the receipt of this offer as it is impossible at the time of writing to foresee or judge which varieties will be most in demand. Before publication of these offers there is evident demand for choice Seed Grains such as we offer. We suggest when preparing your order that in the event of the stock selected being sold you make a second choice or give us the option of substituting with another stock. Kindly note we will not substitute without authority, but will promptly refund the money if instructed to do so. While we suggest the forethought of naming a second choice, nevertheless we desire that our customers should know that we will endeavor to avoid the necessity of using the option if we can possibly prevent it. To serve you so as to please you is our one aim.

Frosted Oats

Millions of bushels of oats were frosted in western Canada during the past harvesting season before cutting. Care should be exercised not to sow frosted oats. Unlike wheat, oats will not germinate.

Seed Control Act

All the stocks offered in this Supplement are free from noxious weeds within the meaning of the Seed Control Act.

Non Warranty

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

A. E. McKenzie Co., Ltd., Seedsmen, Brandon, Man.

CALGARY, ALTA.

Do not overlook including Cotton Bags where needed. Price 30c.
Be sure to give your Name and Address, and keep a copy of your order as sent to us.
Extra order forms mailed upon request.



21 Years Creating a Standard

THE WORD "STANDARD" when applied to an article means that in its particular line it is an established value or model. For twenty-one years we have been creating and maintaining a standard in seeds so that to the farmers, planters and florists of the Canadian West the term "McKenzie's Seeds" has come to have the same significance that the sterling mark has on silver or the carat mark on commercial gold. It is the "hall-mark" of perfection and highest quality and confidence in seeds.

Our Motive

In the upbuilding of this standard we have been actuated by one motive, which is best expressed in the phrase—"Not how much can we get—but how much can we give." And the practical following up of this principle has won for us the confidence and support of progressive farmers and gardeners in the Canadian West to an extent of which we are justly proud. It is a generous tribute to a business ideal, the reward that follows uncompromising effort.

Our Cover

is an entirely new departure as far as seed catalogs are concerned. Used last season for the first time, it instantly jumped into popularity because of its simplicity of design and its ease of identification. It is entirely in keeping with the ideal standard of McKenzie's Seeds, and signalizes McKenzie's Seed Catalog as "different" from all others.

Success

The secret of the success of McKenzie's Seeds is attributed to their careful growth and selection, thus ensuring that dependability for which they are now justly celebrated. Our aim and ideal is to maintain the standard we have set as the only one which should be recognized in relation to seeds. McKenzie's Seeds, therefore, represent the utmost value obtainable in seeds, at any price. There are other seeds at other prices, but none superior to McKenzie's.

McKenzie Standard

We need hardly remind the farmer and gardener of the importance of good seeds. As so many seeds look alike, it is beyond human ability to determine in advance of planting what any particular variety will produce. Therefore it behooves every purchaser to take care that only seeds of proven purity and strong germinating power are used.

The *McKenzie standard* of quality in seeds is the result of many years' scientific research and study, and cannot fail to produce satisfactory crops under normal conditions.

We grow and sell only the varieties and stocks which we know are best suited to the soil, environment and general conditions prevailing in the Canadian West.

We cordially invite your early orders and will appreciate the opportunity of answering any enquiries in relation to the most suitable crops to grow for any particular purpose

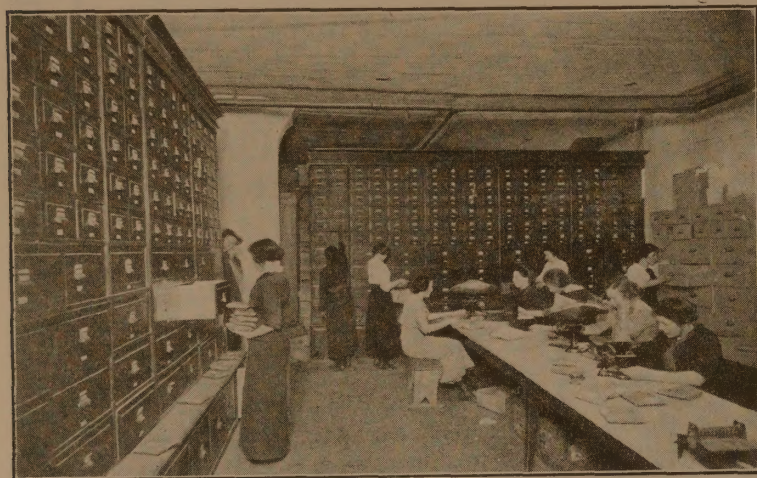
Yours for service, A. E. McKENZIE CO., LTD.

A. E. McKenzie. Prest.





A Corner of Flower Seed Order Department, Brandon



Partial View of Vegetable Seed Order Department, Brandon



Department for Filling Cartons and Boxes



Department for Filling Large Packets

A Bird's-Eye View of the McKenzie Seed Institution

Some Idea

may be formed of the very large proportions the *McKenzie Seed Institution* has attained when it is stated that *McKenzie's Seeds* are used by over *Three Hundred Thousand People* in Western Canada. Our service is unique and notable for its promptitude, accuracy, and strict attention to every detail in order to make every customer a satisfied customer.

Clock-like precision, up-to-the-minute equipment, a minutely organized system, and thoroughly modern facilities are used to obtain this result. These combined with our *modernized methods* and *two ideal shipping locations, Brandon and Calgary*, afford every convenience for an *unexcelled service*.

The detail of the seed business

is perhaps a greater multiplicity of minute transactions than any other business, consequently it requires the most thorough attention and exactness in filling the *many thousands of orders* which pass through our hands during the buying season. Notwithstanding the fact that we execute on an average a *thousand or more orders per day* during the months of March and April, we pride ourselves that mistakes are *few and never intentional*.

Each seed—tiny in size—is but a unit of some one thousand odd varieties. Of these each variety represents hundreds of various crops. Each type of seed in turn—distributed in millions of packets, packages, cartons, boxes, bags and cars—involve a voluminous number of independent operations.

A Western Institution

The house of McKenzie caters for all you need in Seeds and its reputation in the Canadian West for supplying *all that is good* is firmly established.

Such reputation has been built on *Quality* and *Purity of Stock* combined with *moderation in price*. We strive our utmost to safeguard every sale by supplying seeds—no matter how small or large the order—which will give genuine satisfaction to the user, thus maintaining *our Reputation for Reliability*. It remains, however, for the *quality* of our Seeds to make or mar our *reputation*. We recognize, too, that courteous treatment to every customer is indispensable and has gained for us thousands of customers.

The adaptability

of McKenzie's Seeds to the climatic conditions of the Canadian West renders them *peculiarly suitable*—in fact almost a necessity for the ultimate success of the farmer and gardener. *We say what we believe and we ask you to believe what we say, viz:—* That it is practically impossible to procure anywhere Seeds of any kind better suited to the West. The variations of soil and climate demand strong vigorous seed life and "*McKenzie's Seeds*" have been so *carefully grown and selected* with such *great care* that they meet these requirements.

Prompt, courteous and efficient service assured by "ordering from McKenzie's."

The Reputation of the Seedsman is no different from that of any other merchant, inasmuch that it depends solely upon two things viz:—*Value for money combined with efficient service.* It can be made or marred by these two important factors. It follows therefore that **GOOD SEEDS** are the first essential—without such, success is impossible. There are so many grades of seeds offered to the public that to ensure the best results you must have confidence in your seedsman. Seeds are not manufactured and cannot be turned out of a mould, so the buyer is dependent on the integrity of the Seedsman to supply him with **GOOD SEEDS.** *These can only be obtained from a seedsman who has made a special study of the selection, pedigree and testing of his stock before it is offered for sale to the public.* The crux of the whole question resolves itself into *Selection of Stock*—afterwards *careful breeding*, the necessary suitable weather conditions for satisfactory harvesting and, finally, cleaning and testing in such a manner as will ensure *purity of sample* combined with a *high percentage of germination.* The McKenzie Seed Institution is a house admirably suited to "fill the bill" having been specially designed, built and equipped to meet every requirement in Seeds for the farmer and gardener. In a word, *if your Seeds come from McKenzie's you have the BEST.* *Begin right by sowing McKenzie's Seeds.*

The wonder-ful business of Seeds is so closely allied to the Agricultural interests of the world that it can really be considered part of it. It therefore follows that successful Agriculturists depend to such a large extent on "*Good Seeds*," it is absolutely essential that farmers and gardeners be sure that the Seeds they sow are "*Good Seeds*" in every particular. Are you sure your seeds are *McKenzie's Seeds*? If so, they are "*Good Seeds*" and mean success.

Think well and Remember It is not what you pay for Seeds *but what you get for what you pay* that counts. It is a poor policy to *risk* losing all profits accruing from your crop by trying to save a few cents on the cost of the seeds you sow.

The *most expensive seed* is that which will produce a *poorer crop* than could have been obtained from *better seed.*

Notice Such is the confidence we have in our Seeds, the candor of our Customers, and our desire to give satisfaction, that if on arrival of shipment the Seed upon examination is not found to be as represented in this Catalog we request the Buyer to mail us a quarter-pound sample, write a short letter giving particulars and if there is reasonable cause for complaint we will promptly authorize the return of the shipment, we paying freight both ways, and it will **BE DONE WITHOUT "HEMMING OR HAWING" AND MONEY CHEERFULLY REFUNDED.**

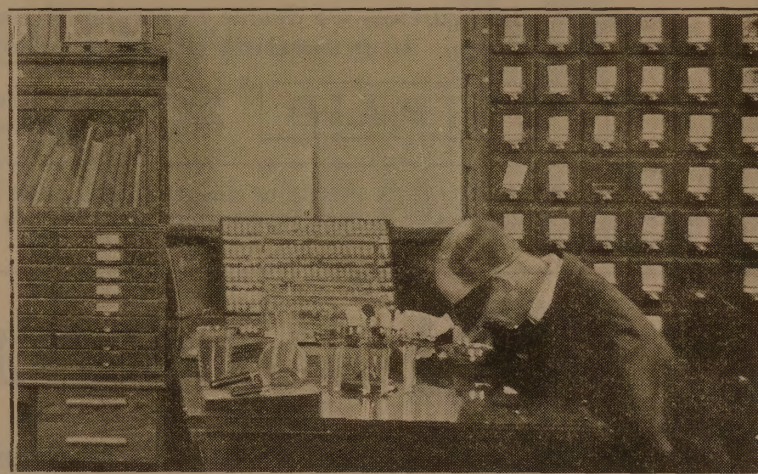
Whether using our Order Forms or plain stationery, sign your name and address at top first to make sure it is there.

WE DO NOT WARRANT—We appreciate that only by furnishing Seeds that will contribute everything to your success can our mutual interest be served and while we (A. E. McKenzie Co. Ltd.) exercise care to have all Seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness or any other matter of any Seeds we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, advise us at once, and money paid for same, including freight, will be promptly refunded.

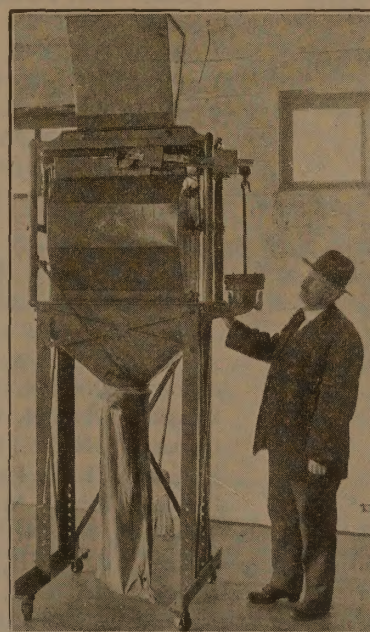
We cater *specially* for all users of Seeds in the Canadian West.



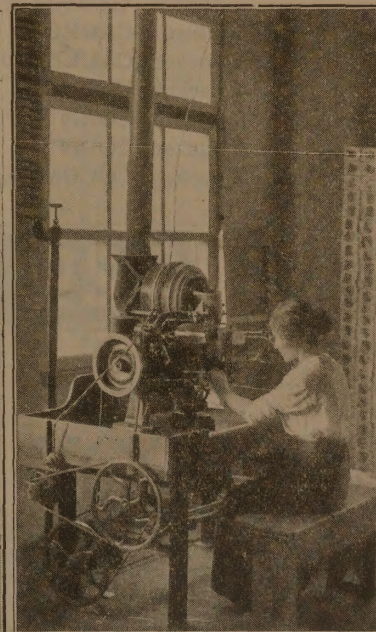
Section of Onion Sets in Winter Storage



Examining Samples to detect noxious weeds



Automatic Scale and Bag Filler



Packet Filling Machine

McKENZIE'S

COLLECTIONS OF SEEDS

FOR GARDEN
and FIELD

FOR ONE YEAR'S SUPPLY

Recognizing the increasing demand for dependable Collections of Vegetable and Flower Seeds, we are giving them greater prominence this year than hitherto, we are prompted to do so for the following reasons:

- 1st. Every season we receive orders accompanied with remittances varying from one to five dollars with a request that we forward seeds to value. This indicates that our customers prefer to leave the selection to us rather than rely upon their own judgment.
- 2nd. With our varied experience as Seedsmen in the West, we are enabled to make up assorted collections of choice seeds which will suit the needs of a wide range of buyers.
- 3rd. Collections are a particularly convenient form of purchase as they enable customers to get practically all they require without the trouble of selecting from our Catalog.
- 4th. War time necessitates practising rigid economy—therefore collections appeal to the buyer who is obliged to count his or her pennies.
- 5th. The war has introduced new labor problems, which mercantile houses are obliged to reckon with. These collections are put up in large quantities in advance of the active buying season. It affords profitable labor to our less tutored help and also assists in relieving congestion in our mail order department at a time when thousands of orders pour in on us from all sections of the country.

As a Seed Institution we desire to render the greatest possible service to our patrons and to the country as a whole. In presenting these collections we believe we are increasing "service."

POSTPAID

Kindly note the prices quoted include postage, varying from 14c to 28c, according to size of collection ordered.

THE DIFFERENCE IN PRICE of these Collections as compared with the individual items purchased separately is from 75c to 25c in the buyer's favor, therefore, they are MORE ECONOMICAL while the QUALITY of the seeds is IDENTICAL.

\$ 2⁵⁰

COLLECTION

A

Postpaid

½ pound BEANS
 1 ounce BEET
 1 packet CABBAGE Early
 1 ounce CARROT
 1 packet CAULIFLOWER
 1 packet CITRON
 ½ pound CORN
 1 packet CORN
 1 packet CUCUMBER

1 packet CUCUMBER, Pickling
 1 packet LETTUCE, Head
 1 packet LETTUCE, Leaf
 1 ounce ONIONS
 1 packet ONIONS
 1 packet ONIONS Pickling
 ½ pound PEAS
 1 packet PARSLEY
 1 packet PARSNIP

1 ounce RADISH Turnip Shaped
 1 packet RADISH, Long
 1 ounce TURNIP, Garden
 1 packet VEGETABLE MARROW, English
 1 packet SAGE
 ½ pound MANGEL
 ½ pound TURNIP, Field
 1 ounce SWEET PEAS, Spencer

\$ 2⁰⁰

COLLECTION

B

Postpaid

½ pound BEANS
 1 ounce BEET
 1 ounce CARROT
 ½ pound CORN
 1 packet CORN
 1 packet CUCUMBER
 1 packet CUCUMBER, Pickling
 1 packet LETTUCE, Head
 1 packet LETTUCE, Leaf

1 ounce ONION, Yellow
 1 packet ONION, Red
 1 packet ONION, Pickling
 ½ pound PEAS, Early
 1 packet PEAS, Main Crop
 1 packet PARSNIP
 1 ounce RADISH, Turnip Shaped
 1 packet RADISH, Long
 1 packet VEGETABLE MARROW, English

1 ounce TURNIP, Field
 1 packet TURNIP, Garden
 1 packet SWEET PEAS, Spencer
 1 packet NASTURTIUM
 1 packet PANSY
 1 packet STOCKS
 1 packet MIGNONETTE
 1 packet JAPANESE HOP

The varieties and prices have been arranged to suit all buyers.

These collections are strongly recommended as being the best value that can be supplied for their respective prices. They are particularly suitable for those who wish to be saved the trouble of making their own selections, as they include only the varieties that long experience has proved to be the most suitable to Western Canada.

\$ 1.50**COLLECTION****C**

Postpaid

$\frac{1}{2}$ pound BEAN
1 packet BEET
1 packet CITRON
1 ounce CARROT
 $\frac{1}{2}$ pound CORN
1 packet CORN

1 packet CUCUMBER
1 packet CUCUMBER, Pickling
1 packet LETTUCE, Leaf
1 packet LETTUCE, Head
1 ounce ONION
1 packet ONION, Pickling

$\frac{1}{2}$ pound PEAS
1 packet PARSNIP
1 ounce RADISH
1 packet SQUASH
1 ounce TURNIP, Table

\$ 1.50**COLLECTION****D**

Postpaid

$\frac{1}{2}$ pound SUGAR BEET
 $\frac{1}{2}$ pound MANGEL

$\frac{1}{4}$ pound CARROT
 $\frac{1}{2}$ pound TURNIP

1 pound RAPE

\$ 1.00**COLLECTION****E**

Postpaid

$\frac{1}{4}$ pound BEANS
1 packet BEET
1 packet CARROT
 $\frac{1}{4}$ pound CORN
1 packet CORN
1 packet CUCUMBER

1 packet LETTUCE, Leaf
1 packet LETTUCE, Head
 $\frac{1}{2}$ ounce ONION, Yellow
1 packet ONION, Red
 $\frac{1}{4}$ pound PEAS
1 packet PARSNIP

1 ounce RADISH
1 packet TURNIP
1 packet SWEET PEAS, Spencer
1 packet NASTURTIUM
1 packet PANSY
1 packet WILD CUCUMBER

\$.75**COLLECTION****F**

Postpaid

$\frac{1}{4}$ pound BEANS
1 packet BEET
1 packet CARROT
 $\frac{1}{4}$ pound CORN
1 packet CUCUMBER

1 packet LETTUCE
1 packet ONION
 $\frac{1}{4}$ pound PEAS
1 packet PARSNIP
1 ounce RADISH

1 packet TURNIP, Garden
1 packet SWEET PEAS
1 packet CANARY BIRD
CREEPER

Local Merchants Sell McKenzie's Seeds

We aim to co-operate with general merchants and make it easy for the seed-buying public to purchase McKenzie's tested seeds. To accomplish this McKenzie's Packet Seeds are on sale in practically every general store in Western Canada. Many merchants stock McKenzie's Bulk Seeds, or will take orders for Bulk as well as for the above Collections.

As it is only possible to offer these collections at the moderate prices named by providing and packeting the seeds in advance of the sowing season, it will be readily understood that no alteration, reduction or substitution in the contents of any collection is permissible.

In no other way can so many good things be obtained at such little cost.

ATTRACTIVE CASH PRIZES

\$100.00

\$75.00

\$50.00

\$25.00



In order to encourage the home growth of good vegetables, etc., and further enhance the increasing popularity of McKenzie's Seeds we have decided to award *Four Special Cash Prizes* to those who win the greatest number of prizes in open competition, exhibited at the various Fairs, Agricultural and Horticultural Societies, throughout British Columbia, Alberta, Saskatchewan, Manitoba, and that part of Ontario, Port Arthur and west, for Vegetables, Flowers, Seed Grain, Grasses, Field Roots, etc., grown from McKenzie's Seeds in 1917.

We undertake to award the prize money in order of merit on production of official notification, i.e., The Societies' confirmation that the exhibits were McKenzie's Seeds. All that exhibitors have to do is to go in and send us a list of same not later than 10th October, 1917.

- 1st Prize \$100.00** in
- 2nd Prize 75.00** in
- 3rd Prize 50.00** in
- 4th Prize 25.00** in

In judging, preference will be given to whose list contains the greatest number of prizes. Our decision in each case must be accepted as final. retarial Certificate, before submitting it to us.

Every purchaser of McKenzie's Seeds may participate in this offer, and all have an equal chance of winning one of these prizes.

It is advisable to bring this unique offer to the notice of the Secretary and Directors of your fair, as it can only be made conditionally that it appears in the Prize Lists or Schedules of every society. In other words, the offer is made in conjunction with and under the auspices of the Agricultural and Horticultural Societies of the Provinces indicated above. Go in and win.

A. E. McKenzie Co. Ltd.,
Brandon, Man.

Dear Sirs,

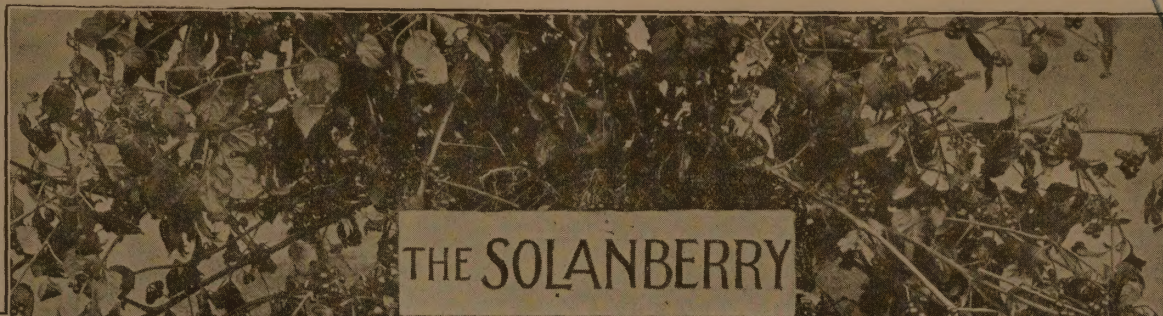
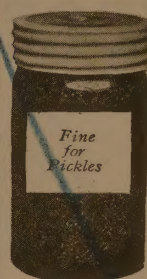
I can never tell you how pleased I am with your garden seeds. They are the best I ever used. It seems like every seed grows. I raised 25 bushels of carrots, 10 bushels red beets and something over 300 nice heads of cabbage last year from your seeds. I had the nicest lettuce last summer I ever saw in my life, and peas by the bushel. Those Rentpayer peas are rightly named. I had some red beets that weighed 3 and 4 pounds apiece and they were just as sweet and tender as could be. All my neighbours told me they never saw such a garden in their life as I had last summer and I always tell them I use McKenzie's garden seeds. Our Mangels did fine last year. In fact, everything we plant here does well. I wish you many more years of success with your seeds.

Yours respectfully,
Mrs. EDITH KNOWLEN,
Wood Mountain, Sask.

April 3, 1916.

cash to exhibitor winning largest number of prizes.
cash to exhibitor winning the 2nd largest number of prizes.
cash to exhibitor winning the 3rd largest number of prizes.
cash to exhibitor winning the 4th largest number of prizes.
naturally be given to the exhibitor number of 1st prizes. It will late the list stating number of accompanied by Societies' Sec-

Photographed by A. E. McKenzie Co., Ltd.,



The Solanberry

Its Uses and Adaptability to the Canadian West

THIS wonderful berry has passed its trial stage and the large number of customers who grew it in 1916 speak so highly of it that we emphatically pronounce it to be the best specialty of its kind we have ever offered. It has without a doubt again demonstrated its superiority as compared with the "Wonderberry."

Uses.—There are so many different domestic uses this delicate berry can be put to that it cannot fail to be in popular demand once its valuable properties become known. For instance it can be used for making Cakes, Cordial, Custard, Fruit Sauces, Jam, Jelly, Marmalade, Pies, Pickles, Spices, Wine, Greens and for general table use. A delicacy for the epicure.

Adaptability.—Considering the limited number of fruits that can be successfully cultivated in the Canadian West it is natural to expect that any new introduction which has proved its suitability to our climate will be eagerly sought after. *Solanberry* has proven its value over the second season and we unhesitatingly recommend it as a most desirable plant which should be grown in every garden.

It might be well to state that this Berry would not perhaps have earned such prominence and become so rapidly popular in countries which produce a greater number of similar fruits. For our Western climate, however, it seems to be particularly suitable.

Re Solanberries, I wish to state that I had marked success. Every seed grew, and the plants made rapid and strong growth. They are now about three feet high and stood all the frost up to the beginning of October. They bore well and the berries were perfect in shape and color. We found that when preserved the flavor was very similar to the English blackberry.

STANLEY M. CARTER,
Oct. 16, '16. Ariland, Sask.

Origin.—We are always on the alert for any plant that may prove of value to the territory

it is our pleasure to serve.

In March, 1915, our esteemed customer Mr. N. P. Evans, sent us a packet of a berry which he had been growing for a few years. He did not know the name of the plant, but his description of its character appealed to us very strongly, and we therefore arranged to have a careful trial made.

We watched its progress with considerable interest and it certainly made good every claim put forward for it by Mr. Evans, viz: "Very hardy, requires no hot bed or other nursing, ordinary fall frosts do not injure but seem rather to improve the fruit which looks almost exactly like a black currant, it is almost as certain as death and taxes."

Its Hardiness is perhaps one of the chief points of recommendation—it withstands frost to a remarkable degree and continues to fruit after other plants such as Corn, Tomatoes, etc., have failed.

The Photo above tells its own story as it is a reproduction of a growing plant, a quantity of the berries and in bottles showing "preserves." The nicest dish of its kind "fit to put before a king."

There is certain to be a heavy demand so send your order early to avoid disappointment.
1555—Sealed Packets, 15c. Postpaid.

"The seeds I got of you last year from the store done wonders."
March 20.

MRS. HUGH W. DONE, Nevelton, Man..

The Wonderberry (Sunberry)

The Wonderberry is one of Burbank's greatest creations, and is considered excellent for making Pies, Syrups, Jams, Wine, &c., also for many other table delicacies. We send a book of dainty *Wonderberry* recipes with each packet. This wonderful berry is blue-black in color, and in appearance closely resembles the Blueberry. It has a very fine flavor.

The plant sends out from one root-centre hundreds of shoots or vines, and each vine is one veritable mass containing thousands upon thousands of berries.

As its name (Sunberry) indicates, it requires considerable sun, to ripen the berries. For this reason seed should be sown indoors in early March (otherwise it will not ripen), transplanting to the open when weather permits. If started indoors, great abundance of berries will be your reward; 25 to 50 plants 3 feet apart each way being ample for ordinary requirements.

1550—Packet, 10c. Postpaid.

Do not miss the Solanberry from your order

VEGETABLE

SEEDS

Photo-
graphed
by A. E.
McKenzie
Co., Ltd.



Please order
by number
and price
only.

Gardening is
a hobby that
cannot fail to
benefit rich
and poor
alike.

THRIFT AND PRODUCTION—In the early part of Spring 1916 the Dominion Government were very active inaugurating an Educational Campaign with a view to impressing upon the people the necessity for increasing home production of all kinds of food stuffs. We believe this movement has resulted in greater numbers becoming interested in the possibilities of their own "back garden" than ever before.

Aside from the economical benefits to be derived from growing your own Vegetables there is always the fascination of this healthy pastime and we are glad to note that the cultivation of Vegetables continues to increase.

The following varieties of *McKenzie's Tested Vegetable Seeds* are of *exceptional merit* and we confidently recommend them to our customers. Those offered under our own name are the result of *extra special selection* and have proved themselves far ahead of the ordinary stocks. No one who has a garden can afford to miss these *grand selections*—they are pre-eminent in their respective classes.

Prices quoted include Postage paid by us. Every variety is indicated by a number, please order by number.

*Full cultural instructions are sent with every vegetable seed order—you may find something you will grow when you see how easy it is.

ARTICHOKE

- 1—Large Green Globe. Cultivated for its flower heads, which resemble a giant thistle, and are cooked as you would Asparagus. Buds large globular, deep green with tint of purple at base

ASPARAGUS

- 11—Conovers Colossal. Large and hardy
12—Palmetto. Shoots are light green, tinted slightly with pink
13—Giant Argenteuil. Large thick white shoots.....
Asparagus Roots. Page 33.

Pkt. Oz. 1/4 lb.

Postpaid

.05	.85	
.05	.25	.50
.05	.25	.50
.05	.30	.60

COMPARATIVE VALUES

Beans, Corn and Peas are sometimes offered by measure—we offer by weight. When comparing values it should be borne in mind that a pint is from one ounce to quarter pound less than one pound.

BEANS

McKenzie's Improved Golden Wax. The Most Prized of all Wax Butter Beans

25—Its remarkable productiveness and adaptability to the varied conditions of the West, combined with many other superb characteristics make this by far the best variety to grow for profit or pleasure. Although not the very earliest, it is unquestionably the heaviest cropper (growing to perfection in our Western prairie soil) and its certainty in this respect makes it the most valuable. Practically every one who has ever grown Beans is more or less familiar with the wax varieties. We particularly wish to call attention to the *Selected Golden Wax Seed* we send out. We have had many expressions from keen discriminating gardeners extolling our seed. Another very desirable feature with this strain of *Golden Wax* is its habit of retaining its extreme tenderness throughout the season, thus valuable as a succession crop. The bushes are remarkably hardy and extremely prolific, about 16 inches high.

The pods averaging six inches long, are exceedingly handsome, large broad, thick and solid, flesh of exceptional fine quality, very tender, brittle, stringless, and beautiful golden yellow color of a very appetizing appearance. It has a most delicate and delicious flavor. See illustration.

Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

Wardwell's Kidney Wax

The better it is known the more it is appreciated.

28—Every characteristic essential of *Wardwell's Kidney* measures up to expectation. It possesses in abundance excellent and desirable qualities.

Its cropping qualities are phenomenal, yielding equally as well as the *Golden Wax*. Its handsome waxy yellow, brittle pods are remarkable for their fine flavor, being very sweet. The plant is a sturdy, upright bush, growing about 15 inches high. Pods straight, flat, 5 to 6 inches in length, are of nice uniform shape; there is little or no cavity between kernels, all solid flesh, the quality of which is sustained throughout, and planters generally find it one of the most satisfactory and remunerative crops they can raise, either for home or market. (See illustration page 9). Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.



McKenzie's Improved Golden Wax Bean

Photographed by A. E. McKenzie Co., Ltd.



A fine crop of Wardwell's Kidney Wax Beans growing for Seed.

BEANS

Dwarf Black Wax Bears Continually Throughout the Season

26—True pencil pod variety, meaty and luscious; certainly a grand old variety. Everybody loves the Dwarf Black Wax. Owing to its exceptional sweet buttery flavor Black Wax has always been one of the most popular and most generally grown.

While the Pods are a trifle shorter than the old favorite Flageolet, they are much thicker, more rounded in shape and much more luscious. It has that rich flavor so much desired but seldom found; it is very brittle, tender, sweet, cooking rich and meaty. In habit of growth it is very dwarf, averaging 14 to 16 inches and of a Rich Golden Yellow Color. Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

McKenzie's Matchless Green Pod

The Earliest, the Hardest, the Best of all Green Pods

48—That this Matchless Bean is one of Nature's choicest gifts to our age is acknowledged by all impartial gardeners and farmers. It is the finest and best of all Green Pod Stringless Beans.

The plants are of erect sturdy habit averaging the uniform height of 18 inches; are exceedingly robust and noted for their extreme earliness and productivity. Is undoubtedly the very best variety to plant at intervals so as to have a continuous supply of beans throughout the summer. The bushes are absolutely covered with large clusters of rich green pods, which are not only of handsome appearance but are well-rounded, saddle-backed, very meaty, tender and brittle, being devoid of any indications of stringiness even when the pods are fully developed.

Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

English Broad Windsor

An Old Established Favorite

95—Fine for Exhibition. This sterling variety retains its prominent position as the leading favorite for Exhibition or table. We strongly recommend its more general use. Our Stock has been very carefully selected and is of large size and fine quality. Produces immense pods.

Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

Earliest Red Valentine

Very Early in the Spring

Late in the Fall

49—As an early "Snap Bean" with undeniable claims, praised by market gardeners and private growers, it is not easily excelled, combining all the necessary qualities such as earliness, productiveness and excellent flavor in a very marked degree. The bushes are of upright growth, of robust habit, with a uniform height of 16 inches. The pods average 5 inches in length, of excellent flavor, the flesh being not only very meaty but of a decided sweetness. The shapely pods are well rounded, very saddlebacked and decidedly brittle and almost stringless, especially when young. The foliage is a deep rich green and ample to protect the beans from the sun. Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Scarlet Runner or Climbing Kidney Bean

Both Ornamental and Useful

94—An old favorite for table use, being very early, exceedingly productive and fine flavor when cooked. This Bean is extensively used for ornamental purposes, as its leaves make excellent shade for bowers, arches, fences and trellises. It has a strikingly bright scarlet flower.

Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

IMPORTANT

Owing to crop failures of some varieties of Beans and general shortage on others we are compelled to ask customers to give us the privilege of substituting in the event of the variety required being sold out on receipt of order. We will therefore send most suitable sort unless specific instructions are given to the contrary.

Kindly order by number and price only

Other Varieties

	Pkt.	Postpaid. 1/2 lb.	1 lb.
30—Canadian Wonder—The old Standard variety	05	.20	.35
96—Seville Long Pod Broad. Several days earlier than Broad Windsor and longer pods, but not quite so broad, excellent quality	.05	.30	.50
Shell Beans for Winter Use			
72—McKenzie's Famous Marrowfat. A standard cropper and unsurpassed for baking	.05	.20	.35
73—Boston Early Navy. A splendid field variety and excellent for baking	.05	.20	.35
74—White Field. Prolific	.05	.20	.35

Our Strains of Beans will please the most critical

Photos By A E McKenzie Co Ltd

BEET

McKenzie's Extra Early

Do not omit this when ordering

122—This choice selection still retains its prominent place and *cannot be too strongly recommended* to those who require an *Extra Early* Beet which for perfect shape, size and general use *cannot be surpassed*.

In many respects it resembles Crosby's Egyptian. The *striking characteristics* of this beet are its small tops, short roots, uniformity of size, delicious tenderness, freedom from woody or stringy roots, extreme earliness and perfection of shape. We firmly believe we have set a *standard* for purity in *McKenzie's Extra Early*, so high that it will stand out strongly and *distinctly* in a class *entirely* its own. To obtain a beet of *perfect shape, coloring, freedom from woodiness, short tap roots, perfect symmetry, true to type* and small tops has been *our aim* in this Beet.

It is somewhat of a turnip shape, dark blood red in color, interior color is deep crimson, ridged or zoned in a most beautiful manner. Being a rapid grower and unsurpassed as a forcing variety, adapted to late and early sowing, it is especially valued by market gardeners.

Pkt. 5c, 1 oz. 20c, 2 oz. 35c, 1/4 lb. 60c, 1/2 lb. \$1.00. Postpaid.

Early Blood Turnip

One of the Best of its Class

123—One of the most popular round Beets in cultivation and deservedly so. A fine strain of *excellent flavor* and tissue. Averages 3 to 3 1/2 inches in diameter of *remarkably smooth surface*. It has a very small tap root and flesh is ringed with dark crimson entirely free of any *stringy or woody character*. Round beets are of the greatest value on account of earliness and have superseded the old fashioned flat types to a considerable extent. *McKenzie's* strain of this popular variety is in great demand.

Pkt. 5c, 1 oz. 15c, 2 oz. 25c, 1/4 lb. 45c, 1/2 lb. 85c. Postpaid.

Long Smooth Blood

129—Tops large, necks small, leaf green, roots large, tapering, growing even with the surface. Flesh dark red, zoned with a lighter shade; very tender and sweet, remaining so when kept till spring. A late variety and a good keeper.

Pkt. 5c, oz. 15c, 2 oz. 25c, 1/4 lb. 40c, 1/2 lb. 70c.

Egyptian Extra Early

An Early Small-topped Kind

128—Considered by many prominent gardeners as an *excellent forcing variety* on account of its small top. *Handsome dark red roots* which are rounded on top but flat underneath with very small tap roots. Of dark red flesh, solid, *crisp, tender, rich and sugary flavor* and very fine grained. This variety continues a firm favorite with those who prefer to grow the flat types of Beet. Owing to its small tops can be planted closer than some sorts.

Pkt. 5c, 1 oz. 15c, 2 oz. 25c, 1/4 lb. 45c, 1/2 lb. 85c. Postpaid

Crosby's Egyptian

A deservedly popular variety

126—One of the *finest Beets in cultivation*, introduced by that noted Boston gardener Mr. Crosby, which in itself is a sufficient guarantee of excellence. It is a turnip-shaped variety of very deep red color. Not so globular as Eclipse and fuller at the top than Flat Egyptian. It is of *handsome form, uniform shape and fine flavor*. Altogether a *grand variety*, which we strongly recommend. Being a rapid grower, can be sown as late as July. Pkt. 5c, 1 oz. 20c, 2 oz. 35c, 1/4 lb. 60c, 1/2 lb. \$1.00. Postpaid.

Other Varieties

	Pkt.	Oz.	Postpaid.		
			2 oz.	1/4 lb.	1/2 lb.
125—Edmand's Early Turnip. In quality one of the finest; exceedingly dark; shape globular.....	.05	.15	.25	.45	.85
127—Eclipse. In form nearly globular, with a small tap root, and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young.....	.05	.15	.25	.45	.85
124—Covent Garden. A variety possessing the attributes which have made it so immensely popular with gardeners and home growers. The roots are half long, very broad at the crown, tapering very gradually towards the tip. Though not quite so early as the early round Beets it easily excels them for quality. The roots are absolutely devoid of coarseness.....	.05	.15	.25	.40	.75
139—Detroit Dark Red. Turnip shape. Remarkably smooth and uniform. Medium size, fine-grained and tender. Can be used early or late.....	.05	.20	.30	.55	.90
140—Swiss Chard or Spinach Beet. Forms handsome plants 2 feet tall with beautiful broad midribs and smooth foliage.....	.05	.20	.35	.65	1.25

We have had excellent returns from McKenzie's Seeds. Our part of the country has only been settled five years and your seeds do well in new land.

W. A. ANDERSON,
Lone Butte, Alta.

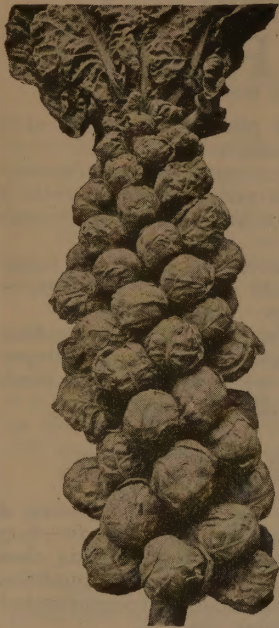
Cauliflowers, Carrots, Beets, Parsnips and Lettuce were all fine this year.

STANLEY M. CARTER,
Artland, Sask.

Oct. 16, 1916.

Dec. 10th.

Photo by A. E. McKenzie Co., Ltd.



Dalkeith Brussels Sprouts

Borecole or Kale

311—Dwarf Green Scotch Curled or German Greens. Leaves of a bright green, very tender and closely curled. Plants about 18 inches high. Quite hardy. **Pkt. 5c, oz. 25c, 1/4 lb. 85c. Postpaid.**

312—Tall Green Curled. Grows about 2 1/2 ft. high, making very attractive plants. Similar to the Dwarf but more vigorous. **Pkt. 5c, oz. 25c, 1/4 lb. 85c. Postpaid.**

Broccoli

155—Walcheren. Medium sized, firm white heads similar to Cauliflower. **Pkt. 5c, oz. 50c. Postpaid.**

Brussels Sprouts

This grand old-fashioned delicate vegetable has not received the attention from gardeners and home growers that it deserves, especially in the Canadian West. It is very hardy and easily cultivated. In order to encourage more general use we are giving it more prominence in our Catalog than hitherto. The plant belongs to the cabbage family and should be grown and cultivated like cabbage. The Sprouts which grow around the strong upright stems are large, tender and not easily affected by frost.

Dalkeith Strain

165—A very superior variety, most prolific, producing an enormous quantity of large sprouts delicious in flavor. **Pkt. 5c, oz. 30c. Postpaid.**

Giant

166—A variety of medium height. Sprouts very firm and of superior flavor. **Pkt. 5c, oz. 35c. Postpaid.**

CELERY

Brandon Prize

Blanches Beautifully
Delicious and Nutty

368—It is extremely early, practically self-blanching and highly ornamental.

It is so very easy to grow that no garden should be without it.

The peculiarity of this variety is that the stalks, portions of inner leaves and heart are silvery white, naturally rendering it almost self-blanching.

The crisp, stringless, succulent stalks and prime nutty flavor are unequalled.

Stalks are large, attractive and blanch to a beautiful snowy whiteness—bringing highest market prices. **Pkt. 10c, 1/2 oz. 60c, 1 oz. \$1.00, 1/4 lb. \$2.25. Postpaid.**

White Plume

Unsurpassed in Flavour
and Deliciousness

370—The earliest and most easily blanched. Fine for family use and market work. Its stalks are of the most ideal form, rich in flavor and fine in texture. Of most striking appearance on account of its beautiful white heart and elegantly marked leaves. While the inner stalks and heart are of pure white color without being blanched, yet the outer stalks should be tied up and the soil drawn around them in order to produce close attractive bunches.

Pkt. 5c, 1/2 oz. 50c, oz. 85c, 1/4 lb. \$2.25. Pos. paid.

McKenzie's Paris Golden

Self
Blanching

371—The plants are of compact semi dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color—very crisp and tender. Leads all the self blanching varieties for earliness and productiveness. This is the variety so extensively grown in California for supplying the Northern Markets in the early season before the home products are ready. Altogether a very desirable sort to grow.

Pkt. 15c, 1/4 oz. \$1.00, 1/2 oz. \$1.85, oz. \$3.25. Postpaid.

Giant Pascal

369—This is the popular winter and early spring variety so universally used owing to its exceptionally long keeping qualities. Makes large bunches of thick solid stalk which are very brittle, crisp and of rich nutty flavor. It blanches very easily and produces a fine attractive stalk of pure whiteness. (See illustration.) **Pkt. 5c, 1/2 oz. 35c, oz. 55c, 1/4 lb. \$1.60. Postpaid.**

396—CELERIAC, or Turnip-Rooted Celery. Produces large turnip-like roots and is used chiefly for flavoring soups, salads, etc. **Pkt. 5c, 1/2 oz. 35c, oz. 50c, 1/4 lb. \$1.60. Postpaid.**

406—SOUP CELERY SEED (not for sowing). For flavoring only. **Oz. 25c, 1/4 lb. 75c. Postpaid.**

CELERY PLANTS. (See page 33).

Yesterday
To-Day
To-Morrow

"McKENZIE'S" were the Seeds in demand in the Canadian West many seasons ago. They are the **QUALITY** Seeds of Western Canada **TO-DAY**, and in the Greater Canada of the **FUTURE** will be found rising to the occasion, ever ready, better equipped to give unique and efficient service simultaneously with the progress of our great Dominion.

Ask for our pamphlet on Celery Culture—it is free on request

Photographed by A. E. McKenzie Co., Ltd.



Walcheren Broccoli

Give fools their gold and knaves their power,
Let fortunes bubbles rise and fall,
Who sows a field or trains a flower,
Or plants a tree is more than all.

Photographed by A. E. McKenzie, Co., Ltd.



Giant Pascal Celery

All your seeds are good, nothing can surpass them.
PETER MILOUX,
Keeler, Sask.

Dec. 27.

Photographed by A. E. McKenzie Co., Ltd.

McKenzie's
Northern
Favorite

The heads are uniformly ramidal in form, generally few outside leaves. The outer and heavy, which enable it to injury. Is considered a sure of vegetables raises this va-

Has a mild and toothsome Our strain of Jersey highest degree the essential features so important in such an extensively grown variety. (See illustration.) Pkt. 5c, oz. 30c, 1/4 lb. 90c. Postpaid.

Photographed by A. E.
McKenzie Co. Ltd.

Early Jersey Wakefield

CABBAGE First Early Varieties

McKenzie's Northern Favorite

A Superb Cabbage for the Canadian West

175—This grand selection continues to hold first place amongst the early section and we have not yet discovered anything to beat it.

It succeeds everywhere and the results have been so satisfactory, that gardeners, quick to recognize its merits, have made it their favorite in use as well as name. A more suitable variety for our prairie soils and climate could not be had anywhere.

There is no cabbage among the early varieties having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that fine cabbages can be obtained long before maturity.

It seldom bursts and can be left in the field after maturity. Is medium early, hardy, sure header, conical shape, attractive appearance, splendid keeper, mild and delicious flavour, fine quality. The leaves are of a dark green shade (See illustration.) Pkt. 10c, oz. 35c, 1/4 lb. \$1.25. Postpaid.

Glory of Enkhuizen The Largest Cropping Early Variety

179—Introduced from Holland several years ago and is rapidly gaining in popularity wherever it is grown. It produces fine marketable heads—very solid with few outer leaves. Grows dwarf and compact, permitting close planting and is remarkable for its uniform size and long keeping qualities. The heads are of medium size, tender and of fine flavor. Highly recommended. Is valuable for sowing late in the season for early winter use. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00. Postpaid.

Early Jersey Wakefield An ever popular strain of distinct merit

177—We believe this is grown more extensively than any other type amongst the early section—in fact, it is considered to be the best first early oblong-headed cabbage in cultivation.

What the Dominion Horticulturist says about Ordering Early

SEED ORDERS.—The early ordering of seed usually ensures getting what one desires, while delay often brings disappointment. Order as soon as the catalogues appear. W. T. MACCOUN, Dominion Horticulturist.

hard and solid. They are pyramidal at the end, and have but leaves, however, are usually thick stand cold weather without header; practically every grower riety for an early table delicacy. flavor.

Wakefield combines in the

Copenhagen Market

176—One of the finest and earliest Bell Shaped Cabbages which has created quite a furore in Europe and America. Is undoubtedly without a rival. Strongly recommended for Market or Home use. Pkt. 10c, oz. \$1.15, 1/4 lb. \$3.50. Postpaid.

Early Winningstadt

182—Produces heads similar in size to Early Jersey Wakefield but more sharply pointed. It is not so early—grows very compact, short thick leaves of rich dark green and slightly glossy. Conical shape very hard and an excellent keeper. A grand variety for market gardeners.

Pkt. 5c, oz. 25c, 1/4 lb. 85c. Postpaid.

Chinese White

183—Another season's trial justifies us in advising our customers to order this. It is unwise to sow it too early; in fact, best results seem to be obtained by sowing the beginning of July. It will be ready for use six weeks after, gives excellent greens, is a highly desirable vegetable, and will, we believe, soon leap into popularity. Pkt. 10c. Postpaid.

Other First Early Varieties

178—Charleston Wakefield. Only a few days later than Jersey Wakefield and about half as large again. A favorite with Market Gardeners everywhere. Pkt. 5c, oz. 25c, 1/4 lb. 90c. Postpaid.

180—Extra Early Express. An early sort; makes firm conical heads; about one week earlier than the Wakefield.

Pkt. 5c, oz. 25c, 1/4 lb. 90c. Postpaid.

181—Early Spring. Another early flat-head; solid, uniform and fine grained. Pkt. 5c, oz. 25c, 1/4 lb. 90c. Postpaid.

Cabbage Seeds of proven merit are a Specialty with us.

CABBAGE Second Early Varieties

McKenzie's Brandon Market

202—One of the leading features in favor of this grand selection is its reliability to produce a crop—a factor of immense importance in this Western Country.

It will head under the most adverse conditions, and the eating quality is not excelled by any cabbage.

It is the finest second early cabbage grown. Matures a few days later than the *Early Jersey Wakefield*, and a trifle later than *Northern Favorite*, but 4 or 5 days earlier than *Succession*.

Grows quickly, very hard heads, not liable to burst, round, but slightly flattened on top. Darkish blue in color, exceptionally tender, mild and fine flavor. Excellent for summer use and equally good for fall and winter. For boiling, slaw, sauerkraut and salads it is unsurpassed, being crisp tender, sweet and mild. It is well adapted to Western Canada, growing well on all soils and withstanding hot, dry and extremes of weather. (See illustration.)

Pkt. 10c, oz. 35c, 1/4 lb. \$1.00. Postpaid.



Brandon Market

Photographed by A. E. McKenzie Co., Ltd.

Danish Summer Ballhead

203—The selection of this variety during proper stage of growth is essential and great care is necessary to produce the true strain. Ours is the *True Imported Stock* direct from Denmark and is the *best obtainable*. Grown specially for us by the most expert growers in that country. It is one of the very newest cabbage introductions—Second early variety of *exceptionally fine table quality*. Produces heads absolutely round, *very firm and solid*. Inner leaves snow white. One of the best. Try it. (See illustration.)

Pkt. 10c, oz. 85c, 1/4 lb. \$2.75. Postpaid.



Danish Summer Ballhead

It will be quite sufficient to order by number and price only.

All Head Early

204—One of the most popular kinds producing extra large heads, uniform in color, form and size. Remarkably free from "spreading" leaves thus permitting close planting and increased yield per acre. Considered to be one of the *best large Second early Cabbages*. As its name indicates it is practically "All Head." Well worthy of attention from Gardeners and others. (See illustration.)

Pkt. 5c, oz. 25c, 1/4 lb. 90c. Postpaid.

Other Second Early Varieties

- | | | | |
|---|----------|------------------|-------------|
| 205—Henderson's Early Summer. A desirable medium-sized, early flat-headed variety. A good keeper and does well in summer and autumn..... | Pkt. .05 | Postpaid Oz. .25 | 1/4 lb. .90 |
| 206—All Seasons. One of the best; remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size..... | .05 | .25 | .90 |
| 207—Succession. About ten days later than Early Summer. Is a dwarf, flat-head, light green and very solid..... | .05 | .25 | .90 |
| 208—Early Flat Dutch. Makes a large, solid head, which keeps long without bursting and is adapted to a more varied climate than many other varieties..... | .05 | .25 | .90 |
| 209—Vanderkaw. Comes in with Succession and All Seasons; forms solid head.... | .05 | .25 | .90 |

Photographed by A. E. McKenzie Co., Ltd.

Confidence

JUST A MOMENT—When you buy seeds you cannot tell whether you are getting GOOD SEEDS saved from choice pedigree Stocks or seeds produced without due care being exercised upon their selection. If you buy a watch or a pair of boots you can form some idea whether you are getting value for your money—but in Seeds IT'S DIFFERENT—You have to TRUST your Seedsman, Merchant or Dealer. Now, MCKENZIE'S SEEDS merit that trust and your confidence will not be misplaced by sowing them, no matter whether you obtain them direct from the MCKENZIE SEED INSTITUTION or through your local dealer—if they bear the name MCKENZIE—depend upon it—they are GOOD SEEDS—seeds which have a reputation behind them—carefully selected, raised, grown and tested for the Canadian West. ORDER EARLY.



All Head Early

In order to save time during the rush of our busy season when we are handling thousands of orders each day we will, in the event of any variety being outsold, substitute with the nearest to the kind ordered unless customers request us not to do so.

I would like one of your Seed Catalogs. I was well pleased with the Seeds of 1915 and wish to procure some more.

Respectfully,
(Sgd.) Mrs. H. C. MASON,
Carmangay, Alta.

Mar. 13, 1916.

Will you please send me a Seed Catalog as soon as you can. I find your Seeds are perfect.

Yours truly,
(Sgd.) T. S. BOWMAN,
Halbrile, Sask.

March 9, 1916.

Full Cultural Instructions on every packet.

Photographed by A. E. McKenzie Co., Ltd.

CABBAGE—Late and Savoy Varieties

Remember that McKenzie's Seeds emanate from absolutely the best sources of supply. No stocks in the World can beat them. In the case of Cabbage (especially winter varieties) the question of selection is paramount. We have the best Try them—

It is only necessary to order by number and price. Variety or kind may be omitted.



A fine crop of McKenzie's Danish Ballhead Cabbage

Danish Stonehead

(Red) The Best Red Cabbage

280—An excellent Market Type—Good for Home use. A very superior variety of late Red Cabbage. It produces round or ball shaped heads of medium size as firm as a rock. Of intense purplish red coloring. The plants are of compact growth and can be planted closer in the rows than the Mammoth Rock. Unexcelled for pickling. A decided improvement over other Red Types.

Pkt. 10c. oz. 50c. ¼ lb. \$1.75. Postpaid.

McKenzie's Danish Roundhead

228—Possesses all the important points which make it specially suitable for the West. It is extremely hard and solid; a field of this variety will give more firm heads per acre than any cabbage grown. Its very few outer leaves permit of closer planting, prevent blight and promote a vigorous growth. When trimmed for use it is a beautiful white, highly attractive, tender, crisp and sweet flavor. The three distinguishing features between this variety and the Ballhead long stem variety is that

this type is from 8 to 10 days earlier, averages heavier and is a trifle more solid.

Exceptionally fine keeper, stands the heat well and thrives in cool locations. We cannot recommend it too highly and wish our many customers would try it out and be convinced of its exceptional merit.

Pkt. 5c. oz. 30c. ¼ lb. 90c. Postpaid.

Savoy Drumhead

254—The leading type of this popular cabbage producing very large heads, firm and tender. It is a compact grower and of excellent flavor.

Pkt. 5c. oz. 30c. ¼ lb. \$1.00 Postpaid

McKenzie's Danish Ballhead

A Highly Prized Winter Variety

229—This is the true type of the famous Ballhead grown and imported direct from Denmark. Planters deeply interested in the improvement and economical value of the cabbage for home and market use hold this variety in great esteem on account of its attractiveness, uniformity of head, solidity and long keeping qualities. It weighs more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw or sauerkraut, etc. It is a long stemmed variety, of very round head. Especially recommended for low, moist and heavy soils. This is the variety so extensively used by growers in districts where heavy railway shipments to markets are made. Due almost entirely to its keeping qualities, as it reaches the markets in fresh, solid bullet-like condition. As a winter keeper it has no superior.

Pkt. 5c. oz. 30c. ¼ lb. \$1.10. Postpaid.

Other Varieties

Postpaid.

	Pkt.	Oz.	¼ lb.
230—Marblehead Mammoth. Largest late cabbage grown.....	.05	.30	.90
231—Filderkraut. A large pointed variety, principally grown for stock feeding....	.05	.30	.90
232—Fottler's Drumhead. A sure header; large, flat, solid.....	.05	.30	.90
233—Surehead. This famous cabbage is most appropriately named, the heads are large, weighing from 10 to 15 lbs., very hard, firm and fine in texture.....	.05	.30	.90
234—Premium Late Flat Dutch. Old, well-known, large, late variety; flattened round heads, very solid and firm, adapted to a more varied climate than most varieties.....	.05	.30	.90
235—Autumn King or World Beater. An extremely large and solid heading variety, well suited for fall and winter	.05	.30	.90
SAVOY VARIETIES. Produce firm, solid heads late in the fall, leaves very crinkled, the hardiest of the cabbage family..			
255—Netted Savoy. Green colored, medium size round heads; delicate flavor.....	.05	.30	\$1.00
RED VARIETIES.			
279—Dark Red Erfurt. A medium sized cabbage of a deep purplish-blue tint Suitable for pickling.....	.05	.35	1.20
281—Blood Red Drumhead. A standard variety, very deep red in color; large round heads, very hardy.....	.05	.35	1.20
282—Mammoth Red Rock. Largest and surest heading Red Cabbage ever introduced. Heads deep red to the centre, frequently averaging 12 inches in diameter and 10 to 12 pounds in weight. Excellent quality.....	.05	.40	1.35
CABBAGE PLANTS—See Vegetable Plants. (Page 33)			

Drumhead Savoy

I have the pleasure to let you know that I am very well pleased with Cabbage—Danish Ballhead—they weigh four pounds and they are fine to eat.

Oct. 24, 1916 Mrs. LOUIS VIVIEN, Hafford, Sask.

The seed I sowed last Spring proved a great success, especially the Copenhagen Market Cabbage, in fact all the Vegetables were of the best.

SAM POISSANT, Broadacres, Sask.

Oct. 20, 1916.

Many thanks, order just received this morning, everything proved satisfactory.

Sincerely yours,

SISTERS OF THE ASSUMPTION, April 4, 1916. Delmar Sask.

I just want to write and tell you about your seed. I got one package of your Cabbage seed last Spring and of that got 75 lbs. of Cabbage all weighing from 8 to 10 lbs. and the largest head measuring 3 feet around.

Oct. 5, 1916. Mrs. JOHN BENTSON, Success, Sask.

CARROT—Choicest Garden Strains



Early Scarlet Horn

Oxheart or
Guerande

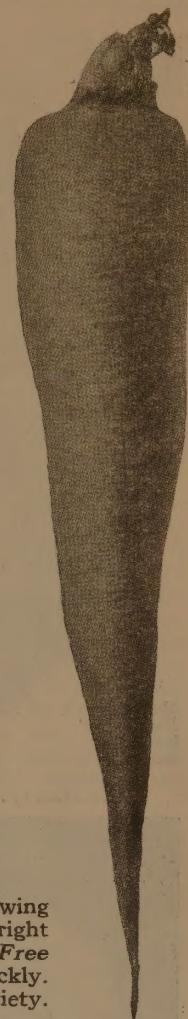
Photographed by

A. E. McKenzie
Co., Ltd.

Chantenay



St. Valery

McKenzie's Garden
Gem

St. Valery

McKenzie's Garden Gem

Growing in Popular Favor

307—The demand for this fine selection continues to increase and deservedly so. We place it in the front rank of all the varieties we grow on account of its *unexcelled* sweetness combined with *superior flavor, fine shape* and size. This variety grows slightly longer than Oxheart and is more *uniform in Character*. It requires very little cultivation, is easy to pull and is especially suitable for table use. Does well in all soils. In *colour* it is of *deep orange red* about 5 to 6 inches long and very smooth, practically no core, thick shoulder, very fine-grained, solid, and a superb keeper. A gem in every sense of the word. (See illustration).

Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 75c, $\frac{1}{2}$ lb. \$1.35. Postpaid.

Oxheart or Guerande

McKenzie's Selection. One of the Best of Carrots

308—Is a mid season variety, short, broad and thick, *immensely productive* and well adapted for early soils. Generally conceded to be most desirable for growing in soils too hard and stiff for the longer varieties as it does not grow more than six inches long. It averages 5 inches and sometimes 4 inches in diameter. *Very easily pulled*. A *grand old standard variety* as popular to-day as any carrot of its type. It is that tender and mild that it can be eaten raw and is therefore valuable for stock feeding. A *universal favorite*.

Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, $\frac{1}{2}$ lb. \$1.15. Postpaid.

Chantenay

A Standard variety hard to Excel

310—That there is a *rapidly expanding* and *keener appreciation* for this carrot is evidenced from the *steady and growing demand* each year.

Chantenay is a *great carrot* for both *home and market* use. *Very attractive* when served on the table.

It is a half-long or blunt rooted type, but differs from similar varieties by its greater girth, bulk and yield. A trifle larger than Scarlet Horn and broader at the shoulder.

It averages 6 to 7 inches in length, is free from core, rich orange red, finest table quality, fine-grained, tender, juicy, and *delicately flavored*, tops are small.

McKenzie's Garden Gem is strikingly similar, except that the Chantenay is blunt rooted, much like the Nantes.

Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, $\frac{1}{2}$ lb. \$1.15. Postpaid.

315—The *finest strain of long carrots* growing 10 to 12 inches long. *Smooth skin, firm flesh*, bright red color, *delicious flavor* and long keeper. *Free from hard core or woodiness* when grown quickly. No gardener should be without this excellent variety. It always pleases.

Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 75c, $\frac{1}{2}$ lb. \$1.35. Postpaid.

Early Scarlet Horn

313—A general favorite with those who prefer a carrot growing *very short* roots. Practically the *earliest variety* extant. It is blunt or stump rooted at the base carrying the thickness well throughout the length of the root. *Highly recommended*.

Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, $\frac{1}{2}$ lb. \$1.15. Postpaid.

Gardening

This is an art which does mend nature, change it rather; But the art itself is nature.
—Shakespeare.

Half Long Scarlet Nantes

309—A general favorite with gardeners who pronounce this variety a *most profitable type* to grow. Its medium size permits of *easy harvesting* and it thrives under almost any conditions. Tops of *medium size*, roots *cylindrical*, smooth, bright orange color; flesh orange changing to yellow centre. *Practically coreless*. Ours is a *specially selected stock*. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, $\frac{1}{2}$ lb. \$1.15. Postpaid.

Other Varieties

	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
311—Half-Long Scarlet Danvers. Dark orange, smooth, good size, easily pulled.....	.05	.25	.65	\$1.15
312—Scarlet Intermediate. Pointed root deep orange red, intermediate in length, fine quality.....	.05	.25	.65	\$1.15
314—French Forcing. Very small, round and early.....	.05	.25	.65	\$1.15

I am pleased to say that your seeds always give perfect satisfaction and that the Chantenay Carrot seed I bought from you has done extra well. I am especially pleased with the McKenzie Prolific Cucumber—when ripe they make dandy preserves.
Oct. 15, 1946.
Mrs. DONALD BICKNELL,
Bedworth, Ont.

Carrots for Stock Feeding on page 38.

Photographed
by A. E.
McKenzie
Co., Ltd.



McKenzie's
Pedigreed
Early
Snowcap

Photographed by A. E. McKenzie Co., Ltd.



Snowball

Photographed
by A. E.
McKenzie
Co., Ltd.



Red Seeded Citron

CAULIFLOWER

McKenzie's Pedigreed Early Snowcap

The Choicest Strain in the world;
Succeeds where all Others Fail

339—This variety is excellent for both early and late planting. It grows more heads to a given area than later maturing sorts owing to its close growing habit. To those who have not been successful in their efforts to grow Cauliflowers we would say "Try McKenzie's Snowcap" which is without doubt a wonderful combination of earliness, firm heading character, handsome appearance and superior quality. Market gardeners speak very highly of it as well as growers for private use. The finest quality cauliflower for all seasons.

The plants are compact, with a few narrow, upright leaves and are well suited for close planting. The heads are solid, compact, round, very white and curd-like, and are developed earlier than those of any other sort. So extremely solid and deep are the globe-shaped heads that they weigh heavier than other heads of equal size, and the flavor is most luscious and deliciously sweet. (See illustration).

1/2 pkt. 15c, pkt. 25c, 1/4 oz. \$1.00, 1/2 oz. \$1.80,
1 oz. \$3.25, 1/4 lb. \$10.00. Postpaid.

Snowball

340—This is one of the leading varieties of Cauliflower. Excellent for forcing. Its compact size is one of its chief characteristics. Very early, white and solid. Heads surrounded by few short upright leaves. (See illustration).

1/2 pkt. 15c, pkt. 25c, 1/4 oz. 85c, 1/2 oz. \$1.50, 1 oz. \$2.75, 1/4 lb. \$9.00.
Postpaid.

Early Dwarf Erfurt (Selected)

341—One frequently reads the word "Selected" in Seedsmen's Catalogues which indicates the Stock has been carefully chosen during a certain stage of growth. This word applies more particularly to Cauliflower than perhaps any other seed sold. Selection is absolutely necessary in order to obtain that high standard of quality which is so essential to meet the requirements of those who grow for market or private use. The stock we offer is unquestionably of the finest "Selected" Strain.

The Early Dwarf Erfurt is very early, small leaved, produces heads of exceptional solidity and whiteness and is very fine for forcing.

1/2 pkt. 15c, pkt. 25c, 1/4 oz. 85c, 1/2 oz. \$1.50, 1 oz. \$2.75, 1/4 lb. \$9.00.
Postpaid.

Other Varieties

342—Lenormands Short Stem. A large late variety with well formed heads on extremely short, stout stems. Produces large and solid heads pure white and keeps well. Hardy and productive.

Pkt. 5c, 1/4 oz. 35c, 1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00. Postpaid.

343—Extra Early Paris. Produces heads of medium size, forming soon; stem rather long, leaves narrow almost straight. Ready to cut three weeks after McKenzie's Early Pedigreed Snowcap.

Pkt. 5c, 1/4 oz. 35c, 1/2 oz. 60c, oz. \$1.00, 1/4 lb. \$3.00. Postpaid.

344—Veitch's Autumn Giant. Recognized in the British Isles as the Standard late variety and is a grand selection. Produces very large heads, firm, white and well protected.

Pkt. 5c, 1/4 oz. 30c, 1/2 oz. 50c, oz. 90c, 1/4 lb. \$3.00. Postpaid.

CAULIFLOWER PLANTS. (See page 33).

CHERVIL. It is more finely curled and handsome than parsley, is excellent for garnishing.

428—Selected Stock. .05 .20 .60

CHICORY.

426—Large-rooted Magdeburg. .05 .25 .75 \$2.00

COLLARDS. Largely used as greens in some parts. They are a form of cabbage, bearing new leaves as the old ones are pulled off.

467—Selected Stock. .05 .25

Citron (For Preserves)

While nature seems to have intended our Prairie West to be banded together by ties of agriculture, she has not wholly forgotten our fruit-barren soils. In Citron she has provided, for preserving, one of the richest and most appetizing fruits. Citron will grow anywhere in Western Canada to perfection, and every economical housewife should make it her duty to see that not less than one ounce is included in the spring order.

In size and shape it is the most perfect. Its superlative qualities would delight the most critical epicure, for its sweetness makes it one of the most delicious table delicacies to be had. (See illustration.)

446—Red Seeded Citron. Pkt. 5c, oz. 20c, 1/4 lb. 50c. Postpaid.

447—Green Seeded Citron. Pkt. 5c, oz. 15c, 1/4 lb. 45c. Postpaid.

The name of McKenzie has stood for nearly a quarter of a century for all that is best in Seeds, but you pay nothing for the name. All the value is in our tested seeds.

Photographed by A. E. McKenzie Co., Ltd.



Fordhook White Spine

Fordhook White Spine

Of Superior Quality and Wonderfully Productive

549—Do not overlook "White Spine" but find a place for it in your garden, somewhere; it will handsomely reward your efforts.

It is an ideal variety for slicing. It is an early, prolific and continuous producer. It is uniformly large and symmetrical, tapering slightly toward each end. Its fruits are intensely rich, deep green, faintly marked with light yellowish shading toward the tip.

Flesh is very fine grained, sparkling white and of most refreshing and delightful flavor. Pkt. 5c, oz. 15c, 1/4 lb. 40c, 1/2 lb. 75c. Postpaid.

Long Green—(A General Favorite)

550—Perhaps the most widely cultivated sort. Unsurpassed for all-round use. It is conceded to be the handsomest and best of all the long green cucumbers which average 11 inches long when fully developed. Fine for slicing. The smaller fruits make excellent pickles. It is a medium early, prolific and continuous producer of uniformly large and symmetrical fruits of an intense rich deep green color. Our strain is exceptionally fine—far superior to the stocks ordinarily offered.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c. Postpaid.

Davis Perfect

554—Our selection produces long even fruits of fine form with an intensely dark rich green skin. Of solid white flesh of superb quality for slicing and contains few seeds. The flavor is excellent, fruits tender and brittle. Entirely free from coarseness. Vines of strong growth and very prolific. It matures a little later than other varieties offered.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



Early Cluster

CUCUMBER

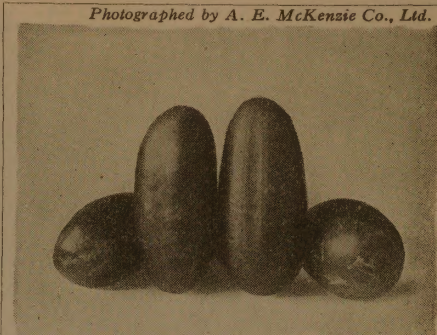
McKenzie's Prolific—(The Premier Strain)

548—We cannot speak too highly of this grand selection which in our opinion has never been approached as a combination of all points of excellence. It is indeed the acme of perfection in all respects and the most prolific variety in cultivation. For rapidity and productiveness it stands alone. Admirably adapted for home use or market and distinctively the best sort to grow for pickles of medium size. The vines are extremely healthy and vigorous and if fruits are regularly gathered will continue to produce an abundance of well formed, deep green, uniform fruits of medium size tapering gradually at each end. When developed to full size the fruits are of most excellent table quality, finely grained, perfect in color and delightful flavor. A trial will soon prove its sterling merit. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25. Postpaid.



McKenzie's Prolific

Photographed by A. E. McKenzie Co., Ltd.



Early Frame

Early Frame

553—Early Frame, or perhaps better known as "Short Green," is another fine table or slicing cucumber that is very extensively used for pickling purposes. It is exceptionally productive, with very attractive, straight bright green fruit. While not as early as Early Cluster, it remains green a long time. The plants are very vigorous and hardy.

We particularly recommend this variety for a trial to any of our customers who are not familiar with it. It will give a most generous crop and prove highly satisfactory in every way.

Pkt. 5c, oz. 15c, 1/4 lb. 40c, 1/2 lb. 75c. Postpaid.

Chicago Pickling

A Reliable and Bountiful Yields

545—The keen appreciation of those who cultivate for profit or the very love of it, for this superb strain, demonstrates clearly that its merits are fully recognized.

Considered by many as the best variety there is. Extremely prolific, matures early, the young fruits are exceptionally fine for pickling, medium size, pointed ends, large prominent black spines, deep green color. Vines set fruit very early and continue bearing longer than any other variety.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c. Postpaid.

Early Russian

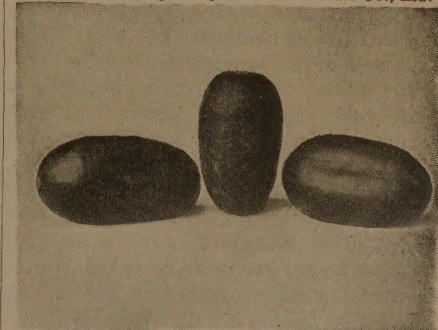
555—This new introduction has done remarkably well in the Canadian West and we particularly recommend it. It is a very small early variety ripening in less than three months and specially suitable for pickling. Each plant produces 6-8 fruits which are short, yellow and a little larger than a hen's egg.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c. Postpaid.

Other Varieties

	Pkt.	Oz.	1/4 lb.	1/2 lb.
544—Evergreen. Hardy, early, and wonderfully prolific; fruits of medium size, crisp and finely flavored for slicing.....	.05	.20	.50	.85
546—Cool and Crisp. Long, slim; splendid for slicing.....	.05	.20	.50	.85
547—Early Cluster. The great pickling variety.....	.05	.20	.50	.85
548—Everbearing. Very early and prolific; small size; continuous producer.....	.05	.20	.50	.85
552—White Wonder. An old favorite of excellent quality.....	.05	.20	.50	.85

Photographed by A. E. McKenzie Co., Ltd.



Early Russian

When comparing prices compare the quality too

Photographed by A. E. McKenzie Co., Ltd.



McKenzie's Northern Success

"The Corn with a Character"

477—The outstanding features of this remarkably early corn are luscious sweetness and delicacy of flavor. For earliness it heads the list of Sweet Corns, in fact, with the possible exception of Peep o' Day (the next earliest variety) it matures almost *ten days earlier* than any other sweet corn we know of. In flavor it is sweeter and *more delicious* than White Cory. Stalks grow to about 4 feet, usually bearing three to five ears. Of dwarf habit it permits of close planting and will out-yield any other variety of sweet corn. Its *extreme sweetness* have made it one of the in the West. Its re-
 ness attests to its particular fitness for our varied soils. *Our customers should bear in mind that sweet corn produced in the North is earlier and more hardy than the same varieties grown farther south, in fact easily a week to ten days earlier.* There is *no product* of the garden which is more *eagerly or impatiently awaited* than Sweet Corn, and this variety produces the first of the season.
 Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

Its Extreme Earliness is a Prime Requisite

and delicacy of flavor most popular varieties markable productive-

McKenzie's Northern Success

I wish to inform you that the Vegetable Seeds which we purchased from you last Spring have been most satisfactory, producing large crops and true to type and quality. We had three varieties of your Sweet Corn, namely: McKenzie's Northern Success, Peep O' Day, and White Cory, all of which we found to do well, the yield from all being enormous.

We would like the people of Brandon to know that we consider McKenzie's Northern Success, and Peep O' Day the best varieties for a Garden Corn for this district. We sold a large quantity of the above varieties, and we could have sold more if we could have supplied the demand for same. Thanking you.

A. C. McPHAIL,
 Farm Superintendent,
 Hospital for the Insane,
 Brandon, Man.

Early Malcolm

A Wonderful Early Variety

482—Early Malcolm Sweet Corn is especially adapted for planting in *Northern latitudes* and in *high altitudes* where other varieties fail altogether. We offered this distinct and valuable addition for the first time in 1915, and reports received justify us in again emphasizing its merits and strongly recommending it to every planter in 1917. It is *very sweet, juicy and tender*. In color it is a rich cream white and of excellent flavor. Grows ears of good size. Just the thing for Market Gardeners. Stated by the *Ottawa Experimental Station* to be the *earliest Sweet Corn ever grown there*. Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid.

Squaw

The Old Reliable for Earliness

480—Still the "Old Reliable" on account of its *extreme earliness* and *absolute certainty* of maturity. Squaw remains one of the *foremost varieties* in the *Canadian West*.

Stalks are dwarf, growing to a height of 3 1/2 to 4 feet. Cobs are smaller than any other variety, averaging 4 1/2 to 6 inches in length, always well filled with dense rows of fine flavored corn; not infrequently are the kernels two or three colors. Invariably ready for use the end of July. To suit the taste of best buyers we endeavor to get stock as pure white as possible. Being a flint variety it is not as sweet as the so-called sweet varieties. To insure stock true to name, ours is grown for us by the Indians. Beware of corn offered as "Squaw" which is not Squaw. Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Mammoth White Cory

486—This is very similar to *Early White Cory*, and as it is quite as early is preferred by many of our customers. As the name denotes it grows to a somewhat *larger size*. Kernels are broader and the ears *average somewhat larger*. We believe this variety will be come very popular. Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Confidence is the foundation of the Seed business—McKenzie's Seeds are reliable.

Corn, Peas and Beans delivered postage free.

Photographed by A. E. McKenzie Co., Ltd.



CORN—Golden Bantam

Highly Recommended for its Sweetness

479—Golden Bantam stands unchallenged as one of the greatest table delicacies. The more critical the more emphatic will be your appreciation. It is the choice of the most discriminating. The distinctive merits that commend Bantam to general use throughout the Prairie Provinces are many. Its extreme earliness, is perhaps, its greatest virtue, particularly in this Western Country where corn must of necessity be a short season crop. Its next meritorious essential is its exceptional hardiness and ability to withstand successfully withstands cold nights varieties fail to mature. From a view quality there is no question but what the flavor "Is its crowning tribute" to this "Corn-hungry Country." It is unquestionably the richest-flavored corn grown, and its creamy yellow color, deepens almost to an orange as the season advances. Golden Bantam yields as many ears to the stalk as most varieties; but the ears being larger than Peep o' Day the yield per acre is relatively greater. Of dwarf growth it averages from 4 to 4½ feet in height, permitting of close planting. (See illustration).

Pkt. 5c. ½ lb. 25c. 1 lb. 40c. Postpaid.

The Sweetest Flavored Corn Grown

Early White Cory

A Sweet Corn of Superior Excellence

481—What White Cory loses in earliness it gains in size. While Peep o' Day and Golden Bantam are generally conceded to be "sweeter" than White Cory, many claim that the kernel being deeper it is more luscious and as a consequence the person who can detect the difference in flavor would be very keen in perception to say the least. The fine shape, superb size, most luscious tenderness and delicious flavor to which White Cory attains—have demonstrated that it is peculiarly adapted to the varied conditions of the Canadian West. It is very early, fine large ears, compactly filled from butt to tip with uniform kernels. Stalks average about 4 feet. Pkt. 5c. ½ lb. 20c. 1 lb. 35c. Postpaid.

Corn for Popping

501—White Rice. The standard variety; large, well filled ears and good for popping. Price in 10 lbs. or more, 10c per lb., buyer to pay express. Corn Salad or Feticus. Used for Salad.

521—Large-Leaved Dutch.....

Cress or Pepper Grass

581—Ex. Triple Curled. Crisp, pungent leaves, finely cut and ornamental, used as a condiment and for garnishing; rapid growing, dwarf and compact.....

582—New Upland. Resembles water-cress, but succeeds in dry soil.....

583—Water-cress. Where possible transplant to banks of running stream.....

Peep o' Day

Grows to Perfection All Over The West

Domain. In offering Peep o' Day we cannot praise its merits too highly, for it certainly is a remarkable corn. It combines the essential features of extreme and extraordinary sweetness. On account of its earliness Peep o' Day sweet corn is especially adapted for planting in Northern latitudes and in high altitudes where other varieties fail entirely. Peep o' Day produces a large number of "suckers" which, unlike other varieties produce full sized, well formed usual to find a single plant bearing from four yield per acre is therefore very large. The stalks in height, and having light foliage may stand very close together. The ears are small, 5 to 6 inches in length. The kernels, though not large, are of good substance and borne 8 to 12 rows to the ear. (See illustration). Pkt. 5c. ½ lb. 25c. 1 lb. 40c. Postpaid.

Postpaid.

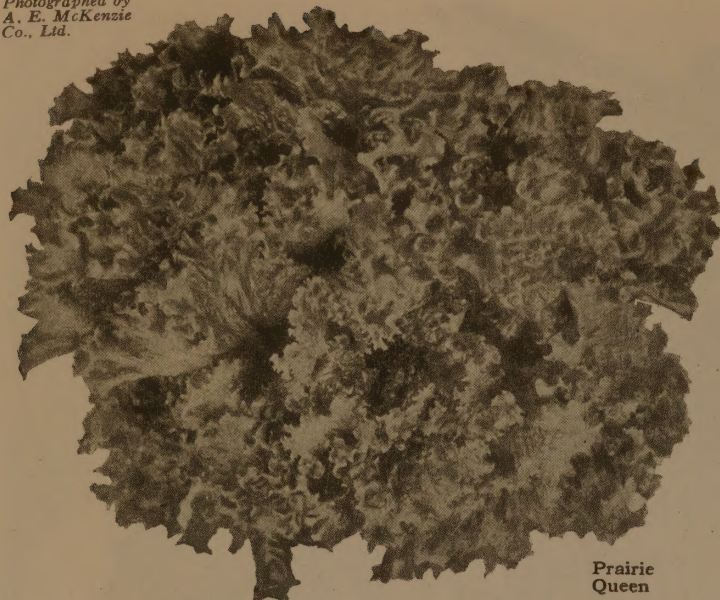
Pkt.	Oz.	¼ lb.	1 lb.
.05			.25
.05	.25	.70	

478—Peep o' Day holds undisputed supremacy in many sections of our neighboring Republic as the greatest Sweet Corn yet introduced. For a number of years this greatest table delicacy has been gradually acclimatized to our Canadian climate, until to-day it grows with perfection all over our fair Domain. It is not unto five ears. The grow 3½ to 4½ feet

Offers in this catalog of Beans, Corn and Peas, are by pound, and not by pint. The difference in weight to the buyer varies from one ounce to one quarter pound in favor of buying by weight.

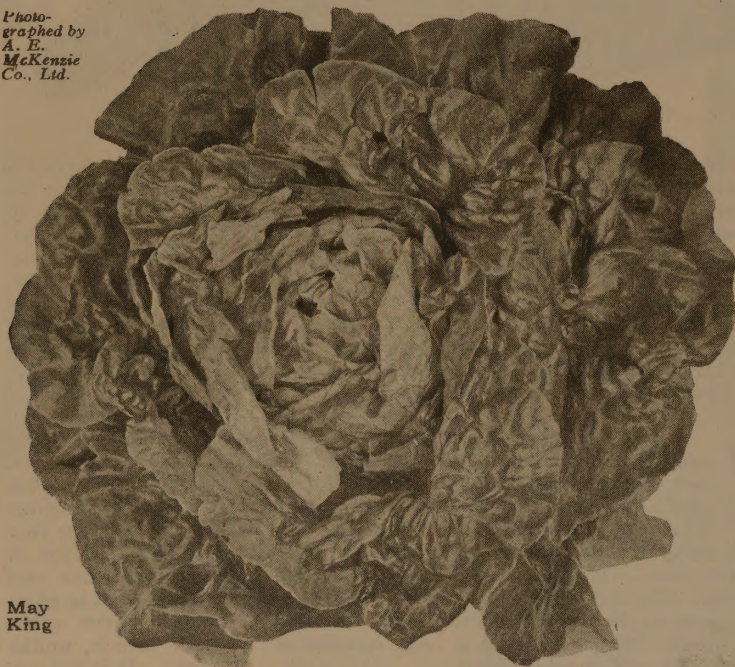


Photographed by
A. E. McKenzie
Co., Ltd.



Prairie
Queen

Photo-
graphed by
A. E.
McKenzie
Co., Ltd.



May
King

Photo-
graphed by
A. E.
McKenzie
Co., Ltd.



GRAND RAPIDS

LETTUCE

McKenzie's Prairie Queen

682—If you grow this grand selection in your garden you will be pleased with it. Repeat orders year after year proves that its merits are appreciated by discerning customers. It produces a *Lettuce of finer quality and flavor than can be obtained from any other type.* It is of *handsome appearance, a strong grower* and not subject to rot. Shows a *wonderful combination* of earliness, handsome appearance and fine quality.

From repeated plantings both in cold frames and the open ground, it has proved to be *the earliest* as well as the *surest loose-headed variety* grown and the *most desirable forcing variety* to be had. The somewhat closely folded nature of the leaves gives the maximum quantity.

From a light green outer leaf it blanches to a rich yellow tint. *Very crisp and delicious.* (See illustration).

Pkt. 10c, oz. 25c, 1/4 lb. 85c. Postpaid.

May King

684—Introduced into this country about five years ago and its merit was instantly recognized by planters through out the Dominion. To-day it is considered by many to be *one of the best early heading, butterheaded Lettuces in commerce.* Planted on the open ground very early in the Spring the plants quickly form *attractive tightly folded heads* 6 to 8 inches in diameter. Each head will weigh nearly a pound on the average. Of *exceptionally fine, rich, buttery flavor.*

Pkt. 5c, oz. 20c, 1/4 lb. 70c. Postpaid.

Denver Market

689—This is a standard variety of proved merit. The leaves are *beautifully marked* and crinkled like Savoy Cabbage, which distinguishes it from any lettuce grown. Conical in shape; beautiful, bright, *soft green outer leaves;* it blanches to a rich golden yellow within. It grows to a nice large size and *retains its crispness* and mild flavor to a greater degree than most varieties during excessively hot weather. Notwithstanding its adaptability to heat, it is a *most desirable variety* for spring and fall and is one of the most popular with market gardeners owing to its beautiful appearance and being *one of the best for forcing.* Pkt. 5c, oz. 20c, 1/4 lb. 70c. Postpaid.

All Seasons

683—As implied by its name it may be grown with success in the spring, summer or fall.

Distinctly a *Head Lettuce.* Very large, conical shape, handsome, extremely solid, leaves a light greyish green, does not spot or turn brownish, broad leaves, sure header, slow to run to seed. Great heat resister. Retains its freshness. Crisp and of extraordinary fine flavor.

Pkt. 5c, oz. 20c, 1/4 lb. 75c. Postpaid.

Grand Rapids

687—The use of *Grand Rapids* in a commercial way has grown from a very small beginning to *large proportions,* as it is the most popular variety for Greenhouse and Garden alike.

It is of *unusual rapid growing habit,* even under most adverse conditions. Remains long in fine table condition after maturity. Retains s freshness long after being cut.

It is a *Loose Leaved Lettuce,* robust grower, large, light yellowish, green leaves, *beautifully curled* and when properly grown forms a *perfect ball shape.* Free from bitter taste, very sweet, *rich flavor.* (See illustration).

Pkt. 5c, oz. 20c, 1/4 lb. 70c. Postpaid.

Egg Plant

579—New York Improved Purple. This is an entirely spineless strain, producing grand, large fruit, thick and of most attractive form—large and well colored. An excellent variety

Postpaid
Pkt. Oz. 1/4 lb.

.10 .80

Endive

589—Green Curled. Finely fringed leaves of bright green color. Tender and crisp when properly blanched. The most popular variety—very hardy

.05 .20 .70

590—Moss Curled. Resembles a bunch of moss, dark green, blanches beautifully

.05 .20 .70

591—White Curled. The thick centre leaves are naturally of a pale, yellow color, exquisitely curled and very finely cut. Always crisp and tender

.05 .20 .70

LETTUCE

Iceberg

688—Noted for its *Large Solid Head* and curled leaves. Its dependability to grow quickly and produce *crisp tender leaves* has won for it a prominent place amongst heading varieties. Bright green in color. May be sown early in Spring or during the later Summer months.

Pkt. 5c. oz. 20c. 1/4 lb. 70c. Postpaid.

California Cream Butter

686—One of the best Summer varieties of Head Lettuce. *Rich* and *Buttery* to the taste. Produces *fine cream-yellow leaves* which are very pleasing in appearance. The Heads are of good size, round and *solid* and slow to go to seed. A variety which should be more generally known and grown. Pkt. 5c. oz. 20c. 1/4 lb. 70c. Postpaid.

Big Boston

690—Considered by those who have grown this popular variety to be *the best midseason* or *Summer Lettuce* on account of its ability to withstand great variations of temperature. A *large heading*, forcing sort, *very vigorous* and *hardy* with thin, hard, bright green and broad, comparatively smooth leaves. *Quite tender*. Highly recommended.

Pkt. 5c. oz. 20c. 1/4 lb. 70c. Postpaid.

Other Varieties

- 685—**Black Seeded Simpson.** One of the best summer varieties (Crispleaf) ..
 691—**Hanson.** A fine large-headed variety. Outside leaves green, inside ones almost white. Heads are crisp and brittle and flavor excellent (Crispleaf) ..
 692—**Nonpareil.** Yellowish green, crisp and sweet (Crispleaf) ..
COS VARIETIES Valued for their fresh crispness and mild flavor. If you find they will not head naturally, the tips of the leaves should be tied together and the interior will blanch beautifully.
 717—**Paris White Cos.** A popular old variety growing to a large size, with long, conical, compact heads, blanching well when tied ..
 718—**Green Cos.** Similar in growth to White Cos, but has large dark green leaves ..

Miscellaneous Vegetable Seeds

Kohl Rabi

- 638—**Early White Vienna.** Of excellent table quality—equally good for forcing or cultivation in the open. Flesh is white and very tender. When ready for use the bulbs are about the size of an apple ..
 639—**Early Purple Vienna.** Not quite so early as the White but slightly larger in size. Similar in every other respect excepting color—the skin being a purplish red ..
 640—**Goliath Purple.** Similar to above but grows larger. Of excellent flavor ..

Leek

The culture of this valuable vegetable only needs to be more general for it to be better appreciated. It is very hardy, easy to grow and one of the most useful all round vegetables in the garden ..

- 651—**Musselburgh.** A splendid Scotch strain, its extreme hardiness making it a very suitable variety for the cool climate of the Western Provinces. The stems are perfectly white, thick, and of uniform evenness throughout. Under favorable conditions, specimens may be grown 18 inches in length. When properly cooked no vegetable can excel the Leek for wholesomeness ..
 652—**Broad London or English Flag.** A large, strong growing variety which produces thick stems of sweet flavor ..
 653—**Carentan.** Highly recommended for quality and size of stalk which produce broad, flat, leaves ..

Lemon

- 672—**Garden.** Small, round fruit; acid flavor ..
 Mango
 775—**Vegetable Orange.** The fruits are of oval shape of a golden yellow color. The unripe fruits are excellent for jellies, preserves, tarts or pickles, and make splendid Mangoes when stuffed with cabbage, like peppers ..

Melon—Musk or Canteloupe

- 743—**Paul Rose.** Is the result of a cross of the Osage and Netted Gem varieties. It has a peculiarly sweet, rich, delicious flavor, and is a long keeper ..
 744—**Emerald Gem.** Undoubtedly the finest in flavor of any variety. Skin is a rich, deep emerald green; flesh is thick, crystalline in appearance, and of rich salmon color, rind thin, small seed cavity ..
 745—**Early Hackensack.** This is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons ..

Water Melon

Some idea of the successful cultivation of these may be gained when we say there is one district in Manitoba where "water-melon" has been grown and shipped in carload quantities.

- 770—**Peerless (White Seeded).** Of unquestionable quality; very early, of medium size, thin rind, flesh bright scarlet ..

Mustard

- 810—**White London.** The best for salads ..

Mushroom Spawn

790—The culture of mushrooms is so simple that it is surprising they are not more generally grown in the West. Anyone can raise an ample supply for home and market use at very little cost. It is acknowledged by all successful mushroom growers that the *first* and *most important* thing to be considered is the *Spawn*. If the spawn is not good, it is impossible to attain success. Stock offered by us is the *Genuine English*, imported direct from the best sources known, and will, under ordinarily favorable conditions, give satisfactory results. *Special printed cultural instructions accompany each order.* Per Brick, 45c, postpaid; 5 Bricks by Express for \$1.00.



Iceberg Lettuce



California Cream Butter Lettuce



Big Boston Lettuce



Mushrooms

	Pkt.	Oz.	1/4 lb.
688—Iceberg	.05	.20	.70
686—California Cream Butter	.05	.20	.70
690—Big Boston	.05	.20	.70
685—Black Seeded Simpson	.05	.20	.70
691—Hanson	.05	.20	.70
692—Nonpareil	.05	.20	.70
717—Paris White Cos.	.05	.20	.75
718—Green Cos.	.05	.20	.75
638—Early White Vienna	.05	.25	.75
639—Early Purple Vienna	.05	.25	.75
640—Goliath Purple	.05	.25	.60

	Pkt.	Oz.	1/4 lb.
651—Musselburgh	.05	.25	.85
652—Broad London or English Flag	.05	.25	.85
653—Carentan	.05	.25	.85
672—Garden	.05	.40	
775—Vegetable Orange	.05	.30	.90
743—Paul Rose	.05	.20	.70
744—Emerald Gem	.05	.20	.70
745—Early Hackensack	.05	.20	.70
770—Peerless (White Seeded)	.05	.15	.50
810—White London	.05	.10	.30

ONION

McKenzie's Northland

830—The most popular onion in the Canadian West. Its combination of many ideal qualities entitles it to the foremost position with all who grow this valuable vegetable. It is similar to Yellow Globe Danvers, producing well ripened bulbs averaging two inches in diameter and nearly globe shaped. Remarkably solid and heavy. One of the surest keepers and best sellers grown. Flesh is an attractive sparkling white, very mild and pleasant flavor. An enormous yielder and a fine keeper. It forms a bulb very early in the season so that it may be used practically the entire summer, ripening up crisp and solid in the fall. The tops die off entirely, leaving fine uniform shaped bulbs without neck. The last few years the demand for this onion has been so great we have had hundreds of orders before our Catalogue was off the press. (See illustration).

Pkt. 5c, oz. 30c, 1/4 lb. 80c, 1/2 lb. \$1.25, 1 lb. \$2.35. Postpaid.

Extra Early Red

837—A medium sized flat variety. Fine grained, mild in flavor. Sometimes erroneously called Extra Early Red Wethersfield; but it matures earlier than the latter and in suitable soils grows almost as large. Of deep rich red color, hardy, and very desirable for early marketing.

Pkt. 5c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.15, 1 lb. \$2.10. Postpaid.

Large Red Globe

McKenzies Improved. The Largest Red Globe Onion

832—This is a fine strain and will undoubtedly please all who grow it. Of handsome dark red globe shape averaging 3 inches in diameter, weighing about nine ounces. It is a fine exhibition onion—one of the best for our Western Soil where it has given great satisfaction. Our seed is Western Grown thus insuring its adaptability.

Pkt. 5c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.15, 1 lb. \$2.10. Postpaid.

Giant Prizetaker

A Great Favorite with Market Gardeners.

841—The discriminating gardener's choice of onions invariably falls to Prizetaker, on account of its phenomenal size and owing to its fine tempered flavor. It attains its immense size under exactly the same conditions necessary to cultivate other sorts.

It is a bright clear straw color; always grows to a uniform and most perfect shape. The bulb is very solid and heavy. The flesh is crisp, white and of delicious quality.

Is very hardy and a good winter keeper, as it ripens up hard and firm. It is very fine-grained and of mild, delicate flavor. (See illustration). Pkt. 5c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.15, 1 lb. \$2.10. Postpaid.

Yellow Flat Danvers

840—One of the best Medium sized, flat Onions which should be cultivated more extensively in the West. All who have grown this excellent variety are unanimous in their praise of its productive qualities. It also possesses the advantage of Earliness. Grows a small neck; thin, pale yellow skin; white flesh. (See illustration).

Pkt. 5c, oz. 20c, 1/4 lb. 70c, 1/2 lb. \$1.15, 1 lb. \$2.00. Postpaid.

Southport Yellow Globe

845—This Onion is a finely grained white fleshed sort, very crisp and of good flavor. The skin is a rich brownish yellow. Our seed is carefully selected, thus ensuring uniform size, shape and heavy yielding properties. (See illustration).

Pkt. 5c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.65, 1 lb. \$3.00. Postpaid.

Southport White Globe

843—A very popular variety on account of its uniform shape. Grows almost globe shaped and is of pure white color. Forms handsome hard onions with wax-like flesh. We are giving more prominence to this fine onion than heretofore as we believe it deserves to be more generally grown.

Pkt. 5c, oz. 30c, 1/4 lb. \$1.05, 1/2 lb. \$1.90, 1 lb. \$3.50. Postpaid.

Mammoth Silver King

846—Strongly recommended for its large size—it is one of the

largest varieties in cultivation. Has many points to entitle it to popular use. Its early maturing properties are very marked and many speak highly of it in this important characteristic. In shape it is unexcelled being flattened but very thick. The skin is of such a beautiful silver white and this combined with its immense size suggested its name. The flesh is snowy and tender. Flavor, everything that could be desired, being mild and sweet.

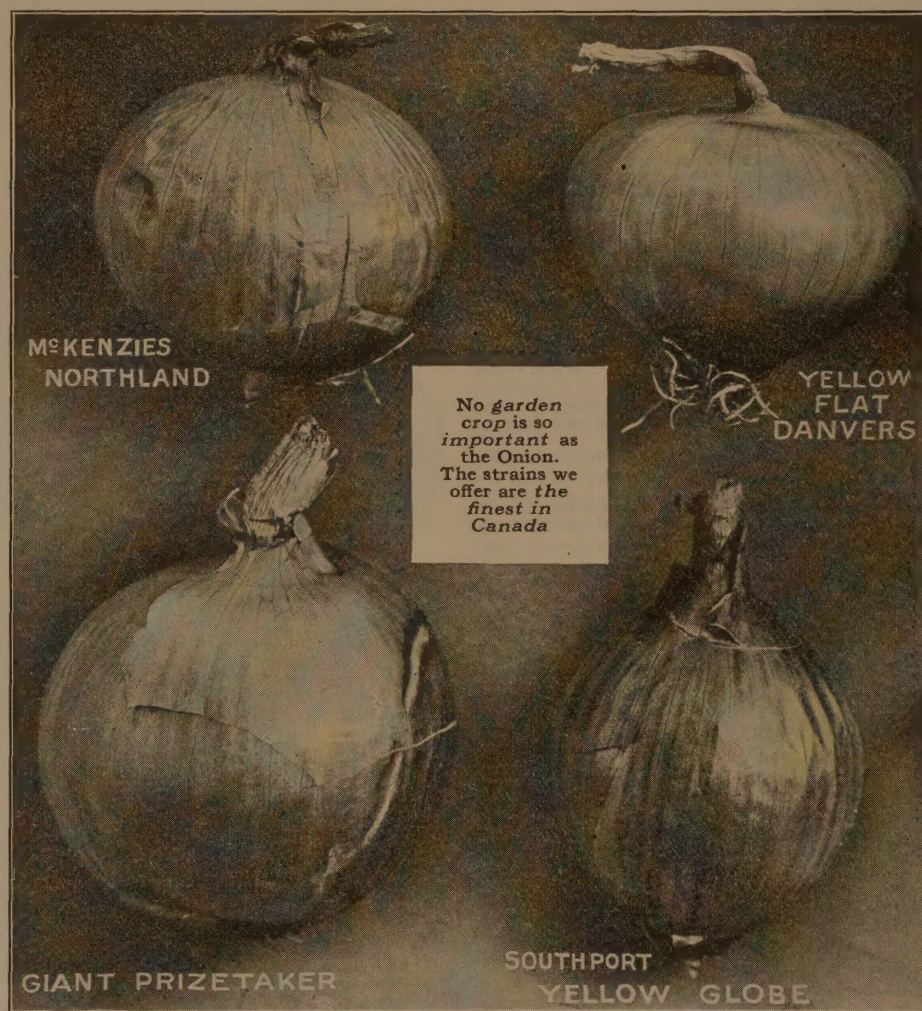
Pkt. 5c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.20, 1 lb. \$2.25. Postpaid.

A Profitable Investment

No doubt you will be pleased to know that the seeds you supplied last Spring gave entire satisfaction. My garden is half an acre in extent (vegetables and flowers) and after the household summer and winter supply of vegetables was filled I disposed of the balance locally, which netted \$62.00 in hard cash, that is intensive farming if you like.

Oct. 29, 1916. WALTER D. WILLOUGHBY, Parkside, Sask.

Photographed by A. E. McKenzie Co., Ltd.



Write for our Free Booklet "Onions and How to Grow Them."

ONION

Yellow Globe Danvers

McKenzie's Selected Extra

This grand Standard variety still holds its deservedly prominent position in the front rank of Onions and is *highly praised* by Market Gardeners and Home Growers alike. Produces *handsome* nearly globe-shaped bulbs of pale yellow color, *crisp, pure white flesh* of mild flavor. The plants have very slender necks and the bulbs ripen uniformly, averaging two inches in diameter. Our selection is *Extra Special* and we recommend it with every confidence as far superior to the ordinary Stock. We sell more of this variety than any other.

839—McKenzie's Selected Yellow Globe Danvers. Pkt. 5c. oz. 30c. 1/4 lb. 80c. 1/2 lb. \$1.25. lb. \$2.35. Postpaid.

838—Yellow Globe Danvers (general stock). Pkt. 5c. oz. 25c. 1/4 lb. 75c. 1/2 lb. \$1.15. lb. \$2.10. Postpaid.

I have used a considerable quantity of your Yellow Globe Danvers Onion Seed with much success and can recommend it to any gardener wishing a good crop.

Yours very truly,
KWONG HING LUNG, Vernon, B.C.

The Seed business is based strictly on confidence, which is necessary in this particular line of trade to a greater extent than any other commercial business that we know of.

Photographed by A. E. McKenzie Co., Ltd.

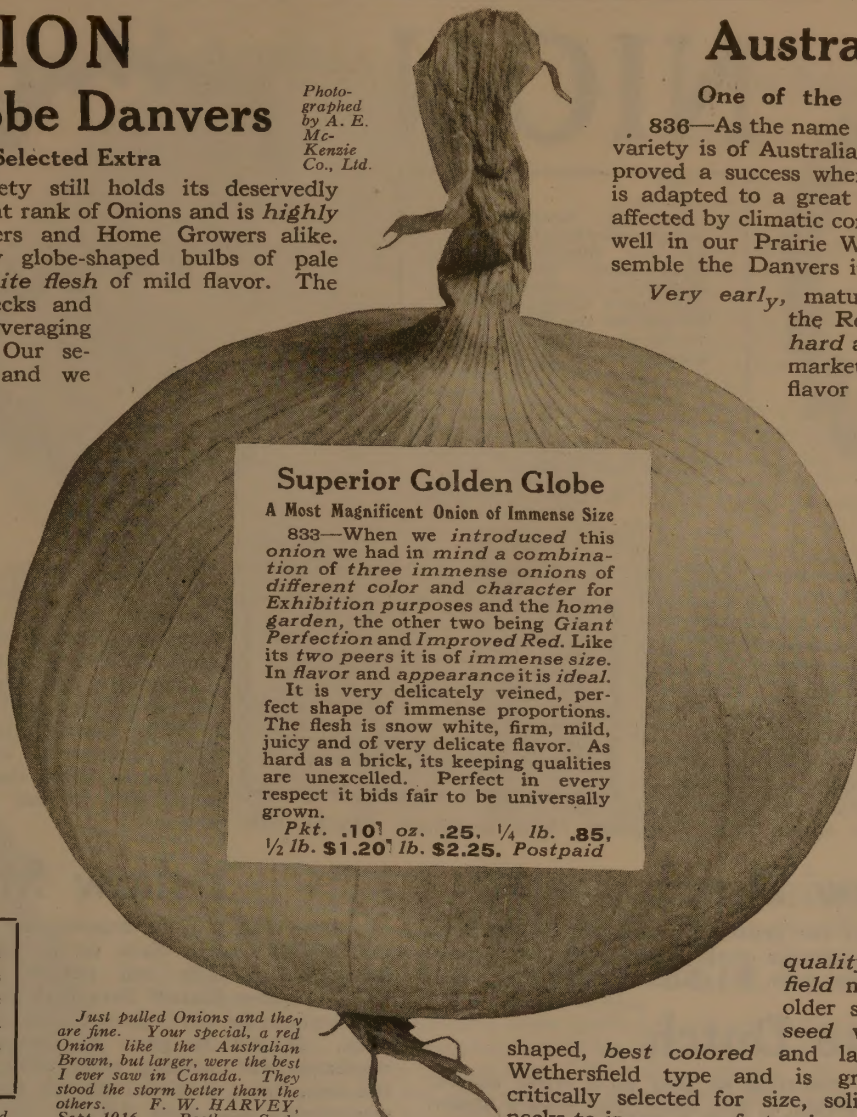


A bed of Onions with tops turned down to encourage ripening.

Other Varieties

	Pkt.	Oz.	1/4 lb.	1/2 lb.	lb.
844—Early White Welsh (For green onions.) This kind does not form a bulb, but is one of the best kinds for "Green Onions." The plants are perennials, and can remain in the ground for years.	.05	.25	.75	1.15	2.10
PICKLING VARIETIES.					
866—Queen. (First-Class Pickling Variety).	.05	.40	1.20	2.15	4.00
867—Early Silverskin. Early, small, round French variety, white skin; good for pickling and bunching.	.05	.40	1.20	2.15	4.00
868—White Barletta, well known pickling variety.	.05	.45	1.45	2.65	5.00

Photographed by A. E. McKenzie Co., Ltd.



Superior Golden Globe

A Most Magnificent Onion of Immense Size

833—When we introduced this onion we had in mind a combination of three immense onions of different color and character for Exhibition purposes and the home garden, the other two being Giant Perfection and Improved Red. Like its two peers it is of immense size. In flavor and appearance it is ideal.

It is very delicately veined, perfect shape of immense proportions. The flesh is snow white, firm, mild, juicy and of very delicate flavor. As hard as a brick, its keeping qualities are unexcelled. Perfect in every respect it bids fair to be universally grown.

Pkt. .10¹ oz. .25. 1/4 lb. .85. 1/2 lb. \$1.20. lb. \$2.25. Postpaid

Just pulled Onions and they are fine. Your special, a red Onion like the Australian Brown, but larger, were the best I ever saw in Canada. They stood the storm better than the others. F. W. HARVEY, Sept. 1916. Rosthern, Sask.

Australian Brown

One of the "Best for the West"

836—As the name implies this splendid deep Brown variety is of Australian origin and it has invariably proved a success where other sorts have failed. It is adapted to a great variety of soils and is not easily affected by climatic conditions. It does exceptionally well in our Prairie West. The bulbs somewhat resemble the Danvers in size.

Very early, maturing about four weeks before the Red Wethersfield. Wonderfully hard and Solid—most attractive for market! The flesh is firm, of mild flavor and the ripe bulbs will remain

in good condition for many months after harvesting. It has the reputation of *keeping indefinitely*—in fact judging by its firm and hard qualities we believe it will keep in good condition longer than any other variety. The skin is of amber-brown color.

Pkt. 5c. oz. 20c. 1/4 lb. 65c. 1/2 lb. \$1.10. 1 lb. \$1.90. Postpaid.

Large Red Wethersfield

McKenzie's Selected

Grows well on poor dry soils.

Great Improvement in the size, shape and quality of our Selected Red Wethersfield makes it vastly superior to the older sorts. The specially selected seed we offer produces the finest

shaped, best colored and largest cropping onion of the Wethersfield type and is grown by experts, from bulbs critically selected for size, solidity, color shape, and small necks to insure a perfect onion. Next to the Danvers Yellow Globe this is the leading onion grown for either market or home use. Immense cropper, large in size, deep purplish red skin, form round, somewhat flattened, purplish-white flesh of an admirably mild flavor. (See illustration).

834—McKenzie's Selected Large Red Wethersfield. Pkt. 5c. oz. 30c. 1/4 lb. 80c. 1/2 lb. \$1.25. lb. \$2.25. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.

835—Red Wethersfield. (Ordinary stock). Pkt. 5c. oz. 25c. 1/4 lb. 75c. 1/2 lb. \$1.15. lb. \$2.00. Postpaid.



Large Red Wethersfield.

NION

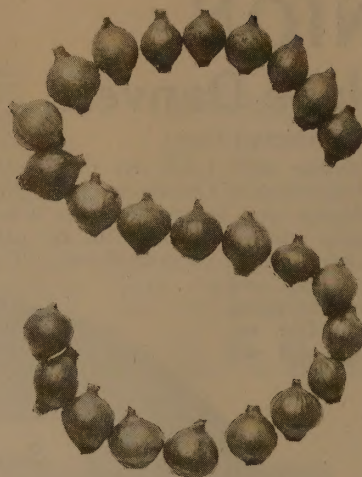
ETS



For over twenty years we have specialized in growing and shipping choice Onion Sets. If you grow McKenzie's Standard Sets your Onion Crop is assured. We put out the finest quality in the West and spare neither time, pains or expense to sustain our reputation.

Your seeds gave entire satisfaction. I had as good results as could be expected under the climatic conditions.
Mrs. WALTER J. COOPER,
Socrates, Sask.

Oct. 23, 1916.



Use Northern Grown Sets

In the spring of the year *Our Northern Grown Sets* are hard and sound, while Southern Sets are usually dried, shrivelled, soft, or so lifeless that they invariably produce an almost worthless onion. Our facilities enable us to give positively the best value obtainable.

To those who have not been successful in obtaining satisfactory results specially recommend planting *McKenzie's Choice* into popularity by leaps and bounds during their sale is not still heavier is due to the fact that *advantages* to be derived from adopting this easy for table use. It is possible to produce young green sowing seed. The grower is therefore able to sell are higher than when the general crop is ready for *ally hardy* and are the result of constant and unbusiness. It is now generally recognized throughout *the choicest and finest sets obtainable*. It is which enables the grower to obtain onions *earlier than ordinary stocks* will

Prices on Seeds and Onion Sets.—The prices are based on value at date of publication; but owing to market changes we cannot guarantee to adhere to same throughout the selling season, although we always endeavor to do so.

with their Onions grown from seed we would *Onion Sets*. Although Onion Sets have jumped last few years we believe the only reason why many gardeners have not yet realized the great *commonsense method* of obtaining early Onions onions *fully six weeks earlier* than can be had by his entire crop earlier in the season when prices market. *McKenzie's* small Sets are *exception-tiring* energy in this important section of our the entire West that we are *headquarters* for important to use *McKenzie's Selected Sets* produce.

Yellow Dutch

887—Cannot be surpassed for producing hard and sound sets. Our Northern Grown are the premier quality of the West. Sure to please. $\frac{1}{2}$ lb. **25c**, 1 lb. **35c**, 4 lb. **\$1.35**. Postpaid.

White Dutch

888—White Dutch Sets maturing as they do a *trifle earlier* than the *Yellow Dutch* and owing to the *beautiful silvery green* Onion they produce, are a very popular favorite for market gardeners.

Like *Yellow Dutch*, *Multipliers* and most other sets, this variety if allowed to mature, will produce a *fine large onion*. However, as a rule, it is seldom grown as a winter Onion, as it is not as good a keeper as the *Yellow Dutch*. It is slightly coarser grained than the *Yellow*. $\frac{1}{2}$ lb. **25c**, 1 lb. **40c**, 4 lb. **\$1.50**. Postpaid.

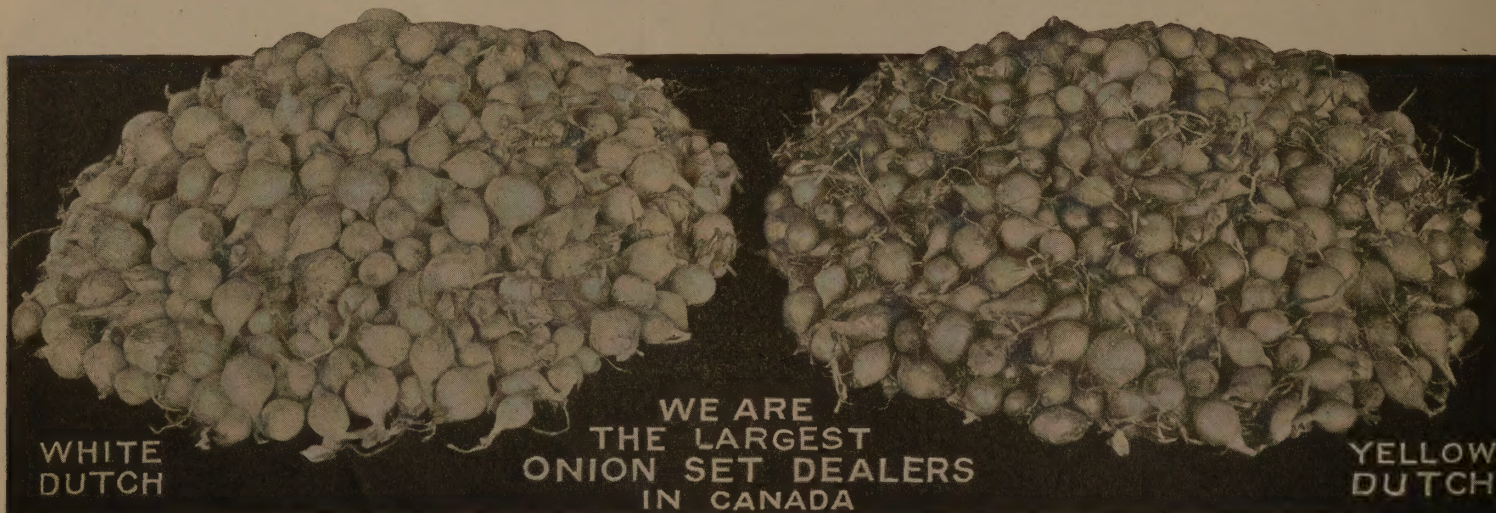
Yellow Multiplier

889—Many of our customers prefer *Multipliers* or *Potato Onions* to *Dutch Sets* on account of their *cluster growing habit*. One bulb will throw out six to twelve sprouts. After *Yellow Dutch Sets* this variety comes next in *general cultivation* for early green onions. A great many planters grow both. If left to grow to maturity they will grow onions of moderate size, making good cookers. The matured onion, like the sets, forms in divisions; are most excellent keepers and of a remarkably fine mild flavor. $\frac{1}{2}$ lb. **20c**, 1 lb. **30c**, 4 lbs. **\$1.10**. Postpaid.

Garlic—(Selected Sets)

909—A perennial bulbous plant, allied to the onion, used for flavoring soups, etc., **40c** per lb. 4 lbs. **\$1.50**, Postpaid.

Instead of giving cultural directions in this Catalog we have provided a special leaflet, containing much useful information, which accompanies every order for Seeds. In addition we gladly mail any of the Free Booklets to customers.



WHITE
DUTCH

WE ARE
THE LARGEST
ONION SET DEALERS
IN CANADA

YELLOW
DUTCH

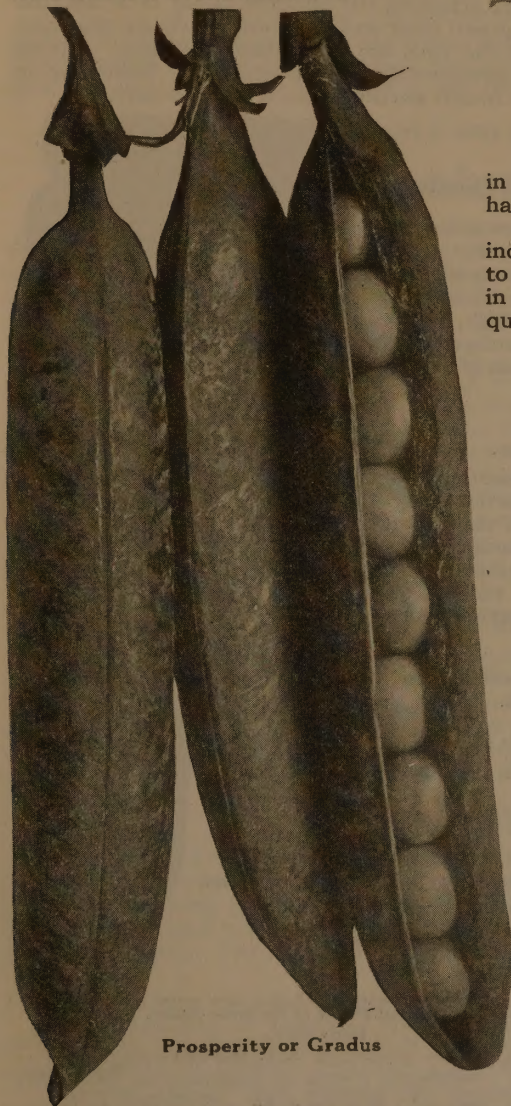
Our Booklet "Onions and How to Grow Them" is free to customers.

Photographed by A. E. McKenzie Co., Ltd.

PEAS Early Varieties

No garden is complete without a few rows of Peas sown at intervals to provide the family table with this delicious vegetable in succession as they mature. By a little discrimination in the choice of varieties it is quite easy to have a continuous supply of green peas fresh from your own garden, throughout the Summer months. To aid customers in making a selection we have arranged the early, main crop and late varieties in their proper order. There are so many excellent varieties now that sorts which are the best to grow is largely a matter of opinion. We only describe and price what we consider the best selection and varieties most suitable for the Canadian West.

Photographed by A. E. McKenzie, Co., Ltd.



Prosperity or Gradus

Richard Seddon

A Strikingly Distinct Meritorious Pea.

990—The better the acquaintance with this magnificent variety the more it is appreciated for its excellent and most desirable qualities.

Remarkably vigorous of haulm it has immense bearing capacity.

Many staunch advocates of American Wonder and Little Gem are giving way to the Seddon. Seven to nine handsome luscious Peas are very closely packed in pods of a deep green hue, averaging 15 to 20 pods per vine.

Excels in yield the American Wonder. In appearance favors the Manifold, although not as blunt and very much larger.

Very fine flavor, delicious and sweet. A splendid all round early variety. (See illustration).

Pkt. 5c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

Starview, Sask., Oct. 16, 1916
A. E. McKenzie Co., Ltd.,
Brandon, Man.

Gentlemen,
I thought I would let you know that we are always well satisfied with your seeds, and I always recommend your firm to my neighbours. I had a real good garden this year.
Yours truly,
CHARLES DALBY.

Hazemore, Sask.
Your seeds were altogether satisfactory and gave splendid returns.

CLIVE H. CUNNINGHAM.

Nott's Excelsior

The Ideal Pea for the Canadian West.

985—In this western country, where extremes in temperature are an important factor in vegetable growing, Nott's Excelsior, extra heavy, very healthy in growth and of unusual hardness, has proven a most valuable pea.

It belongs to the extra early class and is a dwarf wrinkled pea. Vines seldom exceed eighteen inches in height. Pods are about four inches in length, straight with blunt ends averaging 6 peas to a pod, being ready to pick at once. Very fine yielder. So thickly are the peas crowded in the pods they have the appearance of being forced in and assume a square-like shape. The quality is exceptionally fine. Highly recommended. Pkt. 5c, 1/2 lb. 25c, 1 lb. 35c. Postpaid.

Prosperity or Gradus

986—An old standard sort of dependable quality and earliness. Probably the greatest favorite of the Early varieties. One of the best selections in general use to-day, with pods nearly twice the size of the round seeded extra earlies and only a day or two later. Height about 3 ft. producing uniformly large pods 4 to 4 1/2 inches long well filled with eight to ten large handsome peas of finest flavor and excellent table quality. For market or home use it retains its foremost position. A really excellent variety. Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

McLean's Little Gem

Gem in Quality as well as in name.

984—It is generally conceded that this Pea is one of the most popular dwarf varieties for family use.

It is a green wrinkled variety of an exquisite buttery flavor. Remains fit for use longer than either American Wonder or Nott's Excelsior. Comes in about three days after the American Wonder. Grows about 14 inches high, pods are about 2 1/2 inches long.

Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Pioneer

992—For extreme earliness, superb quality, and astounding productiveness it is unequalled. Thrives in the Canadian West soil.

Pods are about 4 1/2 inches long, packed tightly with 8 to 10 extra large, dark green peas, which many claim as luscious and sweet as Thomas Laxton. Peas are as large as Gradus and ready to pick just as early. Pkt. 5c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

I used your Seeds for the first time last summer and wish to tell you that I had better success with them than with any others I had used in former years. I must specially mention the "Rent Payer" Peas, they are well named and were the envy of my neighbors.

Yours sincerely, (Sgd.) FRANK G. LIGHT,
Feb. 19, 1916. 745 Home Street, Winnipeg, Man.

Instead of giving cultural directions in this Catalog we have printed a Special Leaflet, containing much useful information, which accompanies every order for seeds. In addition we gladly mail any of the Free Booklets to customers.

Don't waste time and money sowing unknown brands—Get McKenzie's



McKenzie's Manifold

PEAS

Early Varieties (contd.)

McKenzie's Manifold

The Garden Pea Wonder.

980—This grand selection has been before Canadian West buyers for a number of years and the demand for it continues to increase. We confidently believe it to be *unsurpassed* in *Earliness, Quality and Yield*. Its name was suggested to us by reason of its combination of *sweetness, lusciousness, rich flavor, productiveness and earliness*.

An extra early grower, about 12 inches high similar in shape to "Little Marvel" but a trifle larger. Foliage *dark green and very heavy*. Pods straight with rounded ends averaging three inches in length. Well filled with *nice plump wrinkled peas*. Splendid delicious peas can be had throughout the entire season by sowing at intervals. Do not omit this excellent variety. (See illustration).

Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

Pilot

McKenzie's Special Stock

981—In The Pilot we have a Pea which embraces all the superlative attributes of *size, quality, productiveness and earliness* in a very marked degree.

The haulm makes very vigorous growth, attaining the uniform height of 3 feet; the foliage is of medium size, of a *rich healthy green* color and the pods, which are produced in abundance from the bottom to the top of the vine, are long, almost straight. Equals *Gradus* in size of pod and *excellence of flavor*, but considerably more productive. Belonging to the early round seeded varieties, the seed may be sown much earlier than wrinkled sorts.

Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

Little Marvel

An Early Pea of Choice Quality.

991—When we first offered this variety two seasons ago we knew it would please. As we anticipated it has proved a valuable addition to the early section and we predict it will be come very popular. Comes in about the same time as American Wonder and Notts Excelsior; but the pods are larger, *peas more luscious and a heavier cropper*. Grows 15 inches high, vines heavily set with pods, many of which are in pairs and average 2 1/2 inches long. A variety we particularly recommend to those who prefer an early pea of dwarf habit.

Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

American Wonder

One of the best Early Dwarf Wrinkled Peas.

988—Those who have grown this popular sort regularly for several years consider it *the leading pea* of the first earlies for *combined flavor and quality*. It is a cross between that old standard variety Champion of England and Little Gem and possesses the merits of both. This is the earliest of the dwarf wrinkled sorts; is *decidedly distinct* from all other varieties in habit of growth and appearance, the vines being unusually robust and stocky. It *makes most rapid growth* in warm weather and produces a profusion of good-sized pods, which are well packed with *deliciously flavored peas*, so sweet that many prefer it to all others, as it maintains its rich color when cooked and appears especially attractive when served.

Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Other Good Early Sorts

988—First and Best. A standard first early variety, popular with gardeners in all parts of the country. An extra early, white-seeded pea, 2 1/2 feet high.

989—Alaska. A very early, smooth green pea, pods rather small, green color, well filled, good flavor. 2 feet high.

Pkt.	Postpaid.	
	1/2 lb.	1 lb.
5c.	20c.	35c.
5c.	17c.	30c.

Confidence.

All Seeds look alike—but buying them is entirely a matter of confidence. Western Canada's greatest seed house growing in popularity year by year is an example of your confidence in us and our confidence in you. Sow McKenzie's Seeds—"best for the West."

We took all First Prizes on Vegetables shown at the fair. We took 12 first prizes and one second. All these were grown from McKenzie's Seeds and we cannot recommend this Seed too highly as we have without any exceptions the finest garden in the Brock district.

Aug. 31, 1916.

Yours truly,

I. F. DINGEY,

Brock Sask.

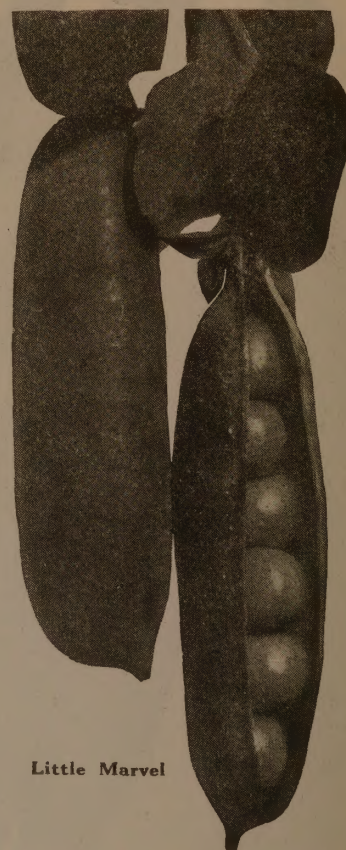
Ask for free Booklet, "How to Cook Vegetables Grown from McKenzie's Seeds."

Bad Seeds

are a great benefit to the house that sells Good Seeds, for all seeds are either good or bad, by comparison, and the greater the comparison, the more extreme the goodness or the badness.

The Goodness of Seeds is dependent entirely on their selection, purity and germinative power.

Good Seeds as supplied by A. E. McKenzie Co., Ltd., cost no more than other kinds that are not so good.



Little Marvel

Photographed by A.E.
McKenzie Co., Ltd.

THE SHERWOOD

A New Early Pea

1020—This fine pea was raised by one of the oldest and most reliable seed growers in England a few years ago. Its distinctive merits entitle it to a leading place in the early section, and we bring it to our customers' notice this season with every confidence. An *early dwarf pea of exceptional merit*, growing about one foot high. It is certainly *one of the heaviest cropping varieties yet raised*. The haulm is *literally covered with pods containing 8 to 10 peas of a rich deep color and of exquisite flavor*. We recommend a trial this season. Pkt. 5c, 1/2 lb. 35c, 1 lb. 50c. postpaid.

Main Crop and Late Varieties

Quite Content

A Giant Podded Maincrop
Marowfat Pea

1016—*Undoubtedly one of the finest introductions of recent years which has amply demonstrated its wonderful superiority*. No other pea has caused such a furore in the horticultural world during the last decade. It grows to a height of 5 to 6 feet, foliage and pod deep green, pod measuring 7 to 7 1/2 inches long, hanging mostly in pairs. Quite distinct from any other Pea. Pkt. 5c, 1/2 lb. 20c, 1 lb. 30c. Postpaid.

Rentpayer

A Deservedly Popular
Maincrop Dwarf Variety

1012—Our experience with this grand old timer is that it compares favorably with all the leading dwarf sorts and previous season's trials show that it is *still in the front rank for market gardening or home use*. It was happily named by the introducer and is likely to prove a *profitable proposition* to all who grow it.

Of *dwarf habit*, attaining the height of 18 inches, with a *robust constitution* and of such vigor that it *yields abundantly* with pods produced in clusters, each pod averaging 3 1/2 to 4 inches long; very straight, broad and pointed and with the additional merit that the flavor of the Peas is *decidedly luscious*. Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

Improved Stratagem

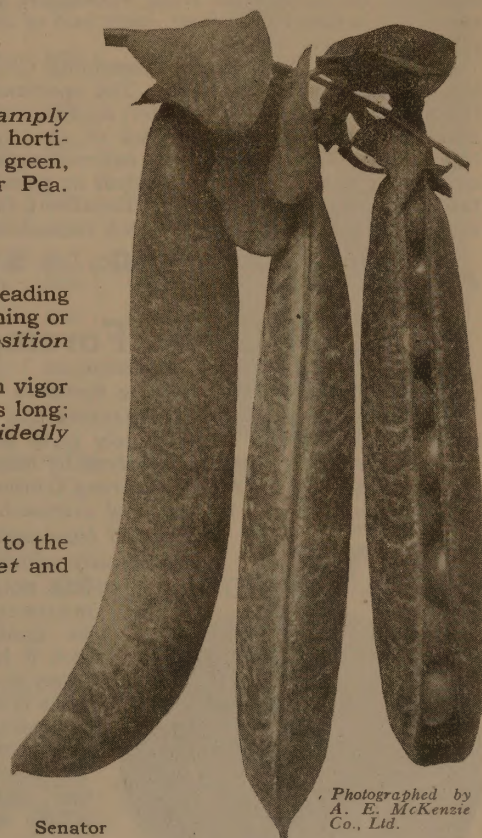
1009—This strain is everywhere a *familiar type*. It is *pleasing to the eye, delightful to the taste and remunerative to the grower*. It is one of the *greatest favorites for both Market and Home use*. The vines are *strong, vigorous* and covered with *immense pods*, which curve gradually to a point, many of which measure as much as five inches in length and containing, quite frequently, *ten fine, large, richly flavored, uniform peas*. Each seed, as a rule, produces two stalks, which make it extra productive. Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c. Postpaid.

Senator

1021—One of the *surest croppers on the market*. Recent trials and our own observation justify us recommending this *excellent main crop pea*. It produces *large curved pods*, mostly in pairs, containing on an average about *nine large peas which are sweet in flavor*. Grows 2 1/2 ft. to 3 ft. high and has proved to be a most valuable variety for home or market garden. (See illustration). Pkt. 5c, 1/2 lb. 25c, 1 lb. 45c. Postpaid.

Other Main Crop and Late Varieties

1010—*Heroine*. A green wrinkled variety of unsurpassed quality, 2 1/2 ft. high. Pkt. 5c, 1/2 lb. 20c, 1 lb. 30c. Postpaid.
1014—*Champion of England*. One of the oldest of the tall-growing late peas, yet none have been found to surpass it in quality. The vines are very vigorous, and produce large pods in the greatest abundance. 5 feet high. Pkt. 5c, 1/2 lb. 20c, 1 lb. 30c. Postpaid.
1015—*Duke of Albany*. Resembles that popular variety "Telephone" in appearance but not so tall, being 2 1/2 to 3 ft. in height. Pods larger than "Telephone" and produced in greater abundance. Pkt. 5c, 1/2 lb. 20c, 1 lb. 30c. Postpaid.
1017—*Telephone*. Tall, vigorous with enormous pods bearing large, wrinkled peas, of remarkably fine quality. A popular home garden and market variety. 5 feet high. Pkt. 5c, 1/2 lb. 20c, 1 lb. 30c. Postpaid.



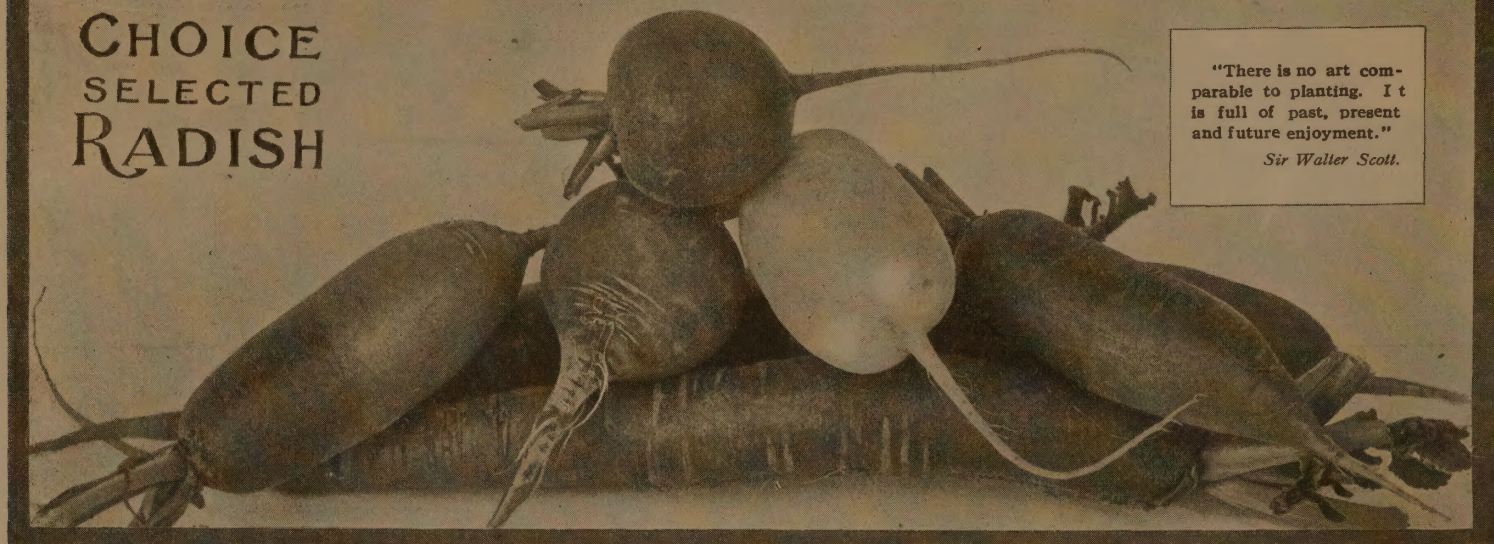
Senator

Photographed by
A. E. McKenzie
Co., Ltd.

CHOICE SELECTED RADISH

"There is no art comparable to planting. It is full of past, present and future enjoyment."

Sir Walter Scott.



White Strasburg

The Acme of Perfection

1090—Introduced last season and has proved a popular addition to the early long section. It is without doubt a *distinct advance* on many other long Radishes, and should be grown in every garden.

The enormous size and pure white color cannot be adequately conveyed by an illustration, and it is only when cut open that the chief merit is revealed. For a Radish of such great size it is remarkable for its absence from woodiness or dryness. It is firm in the flesh, juicy and of delicious pungent flavor.

It is a pure white strain, resembling Chartier's, but attains much larger size. The specimen illustrated on this page exceeded ten inches in length and was proportionately broad at the shoulder, tapering gradually along its entire length, thus making as nearly a perfect Radish as possible. A table delicacy for the epicure. Excellent in every way—the grandest long Radish in cultivation.

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.25. Postpaid.

Photographed by
A. E. McKenzie Co., Ltd.



White Strasburg

McKenzie's Rosy Gem

A Reliable Standard Variety

1084—Of the many fine radishes to select from, for crispness, tenderness, sweetness and mildness we place Rosy Gem at the head of the list of the round or turnip shaped varieties.

Experience has also demonstrated this variety as the best adapted to our varied climate. It is rose color tipped with white. Successive plantings give a supply of the finest radish throughout the season. An excellent sort for forcing, and valued much for market purposes. Our seed is grown from carefully selected and transplanted roots. Pkt. 5c, oz. 15c, 1/4 lb. 40c, 1 lb. \$1.00. Postpaid.

Non Plus Ultra

The Great

Forcing Radish

The Market Gardener's Favorite. Earliest in Cultivation

1086—Distinctly a Market Gardener's type owing to its exceptionally fine forcing characteristics, and as such is used by practically all gardeners for extra early crop radish.

It is likewise valued for its small uniform size, turnip shape and nice attractive appearance.

Other valued essentials are its close growing habit (having small tops), its rapid growth in the open, and its ideal successive croppings.

Added to these qualities are its exquisite mild flavor, crispness, solidity and juiciness.

The flesh is a fine sparkling white, fine grained and solid. The skin is deep rich scarlet. Pkt. 5c, oz. 15c, 1/4 lb. 40c, 1 lb. \$1.10. Postpaid.

French Breakfast

Beautiful, Tender, Attractive, Crisp

1119—Grows with remarkable rapidity and especially prized for its excellent forcing quality and unexcelled for outdoor growing. The quality is very perfect, crisp, tender, fine-grained and a cool refreshingly mild flavor. Is a beautiful olive or oblong shape (sometimes spoken of as a half long) bright carmine color, with white tip.

There are so many inferior strains of this variety grown cheaply and for commercial purposes that we have taken every precaution to secure seed of the highest type. (See illustration).

Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1 lb. \$1.00.

Photographed by
A. E. McKenzie
Co., Ltd.



French Breakfast

Scarlet Globe Forcing

McKenzie's Selection

One of the Best Forcing Radishes

1085—In the European Markets this type is particularly popular for extremely early Radishes and as a forcing Radish is considered by many very hard to beat. It is a fine appearing Globe shape

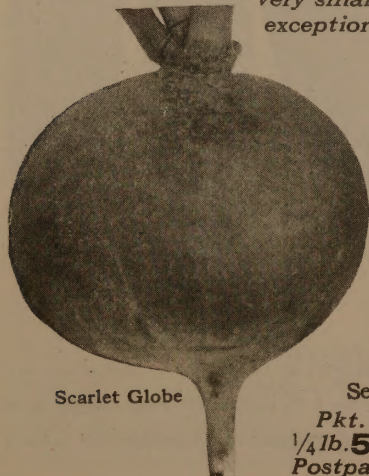
Photographed by
A. E. McKenzie Co., Ltd.

of striking crimson color, very small tops and grows exceptionally rapid, which

does not in any manner affect its quality; in fact, it has tendency to make it more crisp, tender, mild and delicious in flavor. The flesh is of a fine sparkling white appearance, fine-grained and solid.

See illustration.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.25. Postpaid.



Scarlet Globe

We aim to produce seeds particularly adapted to the Canadian West and are continually on the alert for the reliably newest and best kinds. We do not however, encourage the introduction of so-called "new varieties" until we have satisfied ourselves they are suitable to our climate.

Photographed by
A. E. McKenzie Co. Ltd.



Long Black Spanish

RADISH (Continued)

Early Scarlet Turnip

A Very Rapid Growing Radish of Superb Flavor

1088—It is equally popular as a *forcing Radish* when planted in the open. Amongst its other *advantages* over most types is its ability to *develop rapidly*. Roots should be ready for the table within 18 or 20 days from date of sowing.

In shape this variety has a rounded form and most distinct in its markings, the upper portion being an intense rosy crimson, the lower part white. *For solidity, crispness and freedom from pungency* this variety possesses many properties not found in other varieties. We cannot write in terms sufficiently eulogistic concerning the many merits of this valuable sort; suffice to say that as a market radish it is generally recognized in America and Europe. As it forms a *small top*, this variety can be sown closely in the drills. **Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00.**

Long White Icicle

1123—Considered by many to be the best long white radish that can be grown. A *fine transparent, white*, growing from 4 to 6 inches long with *small tops*, thus permitting close planting. *Very crisp and brittle*—not woody. Is a good radish for forcing. As it is *fit to pull in about 20 days* from planting it is one of the *quickest growing* sorts. There is no variety of radish that grows more uniform in shape or of better quality. A general favorite everywhere. (See illustration.) **Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1 lb. 90c. Postpaid.**

Long Black Spanish

1147—One of the best *winter* varieties which, although not of recent introduction, holds its own with any that has yet been grown in the west. There has been a keener demand during the past two seasons which encourages us to give it greater prominence for 1917. It is a winter radish of *large size*, having a *blackish brown skin* and *pure white flesh*. To those who prefer a long radish we strongly recommend Black Spanish (see illustration).

Pkt. 5c, oz. 20c, 1/4 lb. 55c, 1 lb. \$1.50. Postpaid.

Other Varieties

EARLY ROUND or TURNIP-SHAPED VARIETIES.

1087—Early Scarlet Ball. Small round, rich color, small top and quick growth; flesh tender and crisp.

1089—Early White Globe. Valuable for forcing; color clear white; flavor very mild.

EARLY OLIVE or OVAL-SHAPED VARIETIES.

1120—Scarlet Olive Shape. Popular because of its quick growth and fine bright scarlet color.

EARLY LONG VARIETIES.

1121—Chartiers. White tipped, excellent, attains large size before it becomes fit for the table.

1122—Wood's Early Frame. Fine sort for first crop; continues brittle and tender until July.

1124—White Naples. Excellent for table; flesh white, crisp and mild.

1125—White Vienna or Lady's Finger. Large, white crisp sort; flesh delicate and tender.

WINTER VARIETIES.

1145—Scarlet China. (China Rose). Skin smooth, bright rose, white tipped.

1146—California Mammoth. Eight to twelve inches long; two to three inches thick; white solid and of good quality.

1148—White Chinese. An excellent sort, flesh firm, of mild flavor.

1149—Round Black Spanish. Similar to Long Black Spanish in every respect excepting shape. Preferred by many to the long variety.

1167—FAMILY RADISH MIXTURE. This is a mixture of all the Early and Medium Summer Varieties of all shapes and sizes, some of which will be ready earlier than others, giving a succession of varieties for the family table.

Pkt.	Postpaid		
	oz.	1/4 lb.	1 lb.
5c	10c	35c	\$1.00
5c	10c	30c	.90
5c	10c	30c	.90
5c	10c	30c	.90
5c	15c	35c	1.00
5c	15c	35c	1.00
5c	15c	35c	1.00
5c	20c	55c	1.50
5c	20c	55c	1.50
5c	20c	55c	1.50
5c	20c	55c	1.50
5c	15c	35c	.90

Rhubarb

1187—Victoria. Stalks red, thick, tender, good quality. **Pkt. 5c, oz. 40c, 1/4 lb. \$1.00. Postpaid.** RHUBARB ROOTS. (See page 33.)

White Icicle



Salsify or Vegetable Oyster

1197—Mammoth Sandwich Island. Large, superior quality, excellent flavor. **Pkt. 5c, oz. 20c, 1/4 lb. 70c. Postpaid.**

Spinach

1217—Curled-Leaved Savoy or Bloomsdale. Plant of upright growth, narrow pointed leaves, crinkled like those of Savoy cabbage. **Pkt. 5c, oz. 15c, 1/4 lb. 40c. Postpaid.**

1218—Long Standing. Leaves thick, fleshy and crumpled, round, large, dark green color; slow to run to seed. **Pkt. 5c, oz. 15c, 1/4 lb. 40c. Postpaid.**

1219—Victoria. Foliage heavy, the broad, dark green leaves being of the true Savoy appearance, and of finest quality; in prime condition two or three weeks after all other varieties have gone to seed. **Pkt. 5c, oz. 15c, 1/4 lb. 40c. Postpaid.**

Sunflower

1288—Russian Giant. Used largely for Pet Birds; also cultivation, very prolific. (See also pages 71 and 86). **Pkt. 5c, 1/2 lb. 15c, 1 lb. 25c. Postpaid. 5 lbs or more by Express 13c per lb.**

Deal with a Western Seed House—McKenzie's Specialize for your needs.

Photographed by A. E. McKenzie Co., Ltd.



Champion Moss Curled Parsley



Manitoba Prize

Photographed by A. E. McKenzie Co., Ltd.

Parsnip—Manitoba Prize Intermediate

A Popular Western Favorite

951—The need of something to take the place of the *Sweet Potato* has been instrumental more than any other cause to place the parsnip in such popular favor throughout Western Canada.

Parsnip grows to perfection here, its distinctive taste and exceptional palatableness are more noticeable than in most any other vegetable. Grows to a large size, smooth surface, fine grained and superlative flavor. Pkt. 5c, oz. 20c, 1/4 lb. 45c. Postpaid.

Other Varieties

952—Hollow Crown. The old standard, smooth, large, tender and sugary.

Pkt. 5c, oz. 20c, 1/4 lb. 40c. Postpaid.

953—Guernsey. One of the best. Not quite as long, but larger in diameter than the Hollow Crown. Easily harvested. Pkt. 5c, oz. 20c, 1/4 lb. 45c. Postpaid.

PEANUTS.

970—Spanish. Largest, most prolific. 1/4 lb. 15c, 1 lb. 40c. Postpaid.

PEPPER

1039—Ruby King. The fruits are from 4 to 6 inches long and about 3 1/2 inches through. Bright red color, remarkably mild and sweet, unsurpassed for stuffing. Single plants ripen 8 to 10 fruits.

Pkt. 5c, oz. 70c. Postpaid.

1040—Golden Dawn. Bright yellow, and very mild flavor. Pkt. 5c, oz. 70c. Postpaid.

1041—Long Red Cayenne. Long slender, scarlet fruits. Pkt. 5c, oz. 70c. Postpaid.

Notice

In the West, where bees are not numerous, PUMPKIN, SQUASH, CUCUMBER and other similar vines sometimes do not bear fruit. It will generally be found that the blossoms do not get fertilized. Unless bees are kept, this work should be done by hand. The process is very simple, viz.; Pull the bloom off the staminate (male) flowers and place it in contact with the pistillate (female) flower and leave it there. The pistillate is readily distinguished from the staminate by having a small immature fruit just below the bloom as soon as it expands.

Prices

No matter where you live we pay postage on all seeds in packets, ounces and pounds, unless otherwise stated.

Large Cheese Pumpkin



The Pumpkin That Mother Likes

How to Make a Hot Bed

Each season we have numerous inquiries for the proper method of making a hot bed and some of its uses.

The hot bed is very necessary for the successful growth of early plants, and should be started early in the year, depending on the plants which you wish and the time you wish to have them ready to put out in the open ground.

INSTRUCTIONS.—Dig a trench east and west three feet wide and about sixteen inches deep, and as long as you want it. This trench should be dug, preferably, on the south side of a building or windbreak; far enough away from a building to escape the drip from the eaves. Fill this trench with horse manure from the stable, tramping and wetting it thoroughly so that it will heat evenly; cover this manure with about three or four inches of good soil, and when the soil has warmed up from below planting may be commenced.

Frame and Covering for Hot Bed

For the north wall use a board about twelve inches high; for the south wall about six inches high. The end boards cut on a slant; the north end twelve inches, the south end six inches, making a slant of six inches in three feet towards the south. This makes your frames.

For the covering use either hot-bed sash or a frame covered with a good canvas, well hinged on the north and hooked on the south so that the wind cannot disturb it.

After your plants have started and the weather is so you can, raise the covering and let in as much air and light as possible. Be sure to close them on frosty nights.

It is well to purchase a thermometer and keep on the inside of the hot bed, under the cover; the temperature should not be allowed to go above 75 degrees nor below 50 degrees at night. In a hot bed of this kind you can start almost any kind of vegetable or flower seed, and have ripe fruit and blooming plants much ahead of plants sown out in the open in the ordinary way.

Pumpkin

McKenzie's Large Cheese

1061—It should not be overlooked that Pumpkin is about the only vegetable that adapts itself to general table use as well as extensively for pie purposes.

If for no other reason than pie use, pumpkins, which thrive extraordinarily in the West, should be grown by every family.

The Large Cheese unquestionably receives greatest prominence on account of its cooking quality and the delicious pies it makes.

Without doubt the very best Pumpkin grown. Its mammoth size, splendid shape, beautiful rich appearance, rich golden flesh and sweet mild flavor, make it by far the best for family use.

As it is a very free and robust grower, very little care is required for its cultivation. (See illustration.)

Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1 lb. \$1.00. Postpaid.

Other Varieties

1062—Small Sugar. Small, yellow, fine grained, sweet, very prolific. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1 lb. \$1.00.

1063—Large Field. A fine large orange-colored variety used for field culture and stock feeding. Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1 lb. \$1.00.

1064—Mammoth or Jumbo. Flesh and skin are of bright golden color; flesh fine-grained and of excellent quality.

Pkt. 5c, oz. 25c, 1/4 lb. 80c.

A few dollars invested in McKenzie's Seeds yield large dividends in choice Vegetables.

SQUASH

Hubbard

The Best Cooker. The Best Keeper.

1248—Identically the same food in almost unvarying, equal proportions through our long weary winters, should be enough reminder to allot liberal space in the garden or the farm for growing squash, for a change.

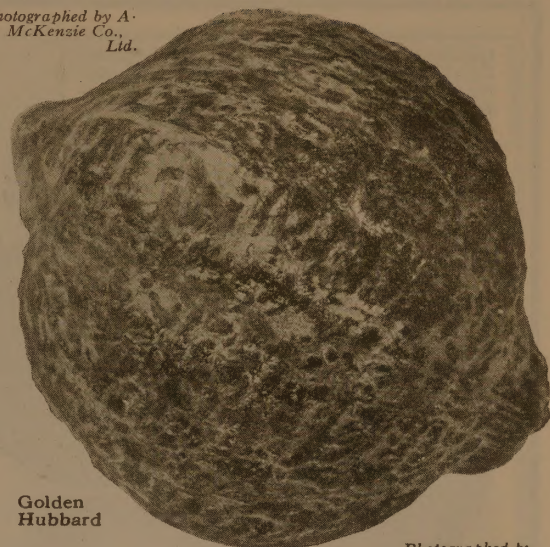
Squash is one of the few vegetables that can be kept many months without fear of loss. It grows to perfection everywhere and under almost every condition.

As a cooker, *Hubbard* heads the list and the praises we get are *wonderfully gratifying*.

We consider this the *leader* of all *winter squashes*, *meriting the distinction* over many other well-known varieties on account of its *sterling keeping qualities*, *surpassing* in this respect several of the *newer* and much *advertised varieties*. The vines are of strong running growth; fruits are large, olive shaped, of a deep rich green color, the rind is smooth and altogether the fruit has a really handsome appearance. The *flavor is excellent* and *truly deserves the appellation* of the one word "Quality." (See illustration.)

Pkt. 5c, oz. 20c, 1/4 lb. 55c, 1/2 lb. \$1.00. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



Golden Hubbard

Photographed by A. E. McKenzie Co., Ltd.

McKenzie's Early Orange Marrow

Acknowledged the Best for the West.

1237—Medium size and of *rich golden color*. Of superior hardness, it never fails to ripen and is by far *the most suitable for this country*. It is an *exceptionally good keeper*; growers frequently carry them over winter until late the following summer.

Pkt. 5c oz. 15c, 1/4 lb. 45c, 1/2 lb. 80c, Postpaid. (See illustration.)

Vegetable Marrow—English Long White

1268—This variety has stood the test of many years' trials and is still *rightly considered* to be one of the *most desirable varieties* to grow, as it is an *unusually safe cropper*, *fruiting abundantly* if *permitted*, although *better results* are obtained when thinning is adopted. Fruits are oblong, tapering slightly at each end, and creamy-white in color. No other variety can approach the Long White for exquisiteness of flavor and is highly esteemed for its well merited cooking qualities.

Pkt. 5c, oz. 25c, 1/4 lb. 80c, 1/2 lb. \$1.40. Postpaid.

Other Varieties

	Pkt.	Oz.	Postpaid. 1/4 lb.	1/2 lb.
1240—Early Yellow Bush Scallop. An early variety, with flat, round scalloped fruit; skin deep yellow, flesh pale yellow color.	.05	.15	.45	.80
1241—Early White Bush Scallop. Similar to above, but with creamy-white skin.	.05	.15	.40	.75
1242—Crookneck. Splendid sort, early, productive and fine quality.	.05	.15	.40	.75
1243—Perfect Gem—Nearly round, 4 to 6 inches in diameter; prolific, skin cream-white; flesh white-grained.	.05	.20	.55	1.00
1244—Boston Marrow. Large oval fruit; skin bright orange, flesh orange, fine-grained and excellent quality.	.05	.15	.45	.80
1245—Fordhook. It ripens early and is one of the best keepers we know of; very prolific, flesh thick, straw-colored.	.05	.20	.45	.80
1246—Golden Hubbard. Bright deep orange-yellow fine-grained, cooks very dry, and of excellent flavor; prolific and a good keeper.	.05	.20	.50	.90
1247—Chicago Warty Hubbard. Extra choice variety, delicate, sweet flesh; not so thick as the old Hubbard; good keeper.	.05	.20	.50	.90



Early Orange Marrow

TURNIP

Suitable for Table Use.

Early Snowball—(White Stone)

1335—A very fine selected stock, flesh *pure white*, *solid* and of *superior flavor*. For general use it is unequalled and is an *ideal variety for exhibition*. A distinct and beautiful turnip of *remarkably quick growth*.

Pkt. 5c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 90c, 1 lb. \$1.60. Postpaid.

Other Varieties

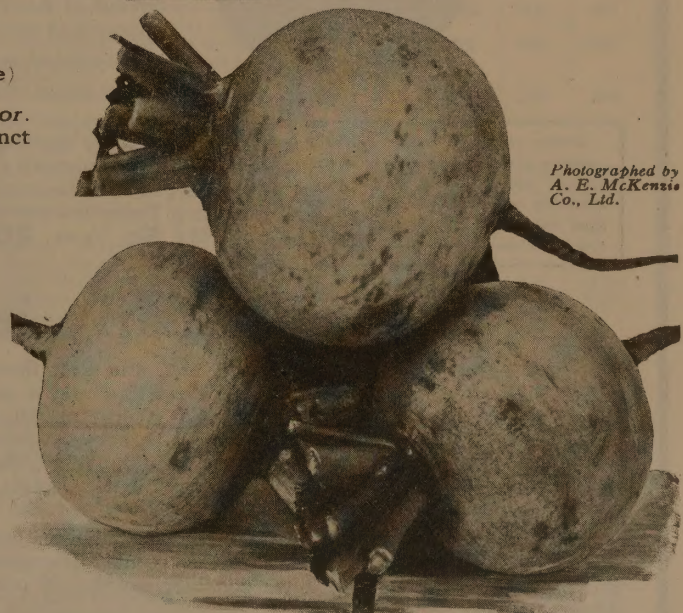
	Pkt.	Oz.	Postpaid. 1/4 lb.	1/2 lb.	lb.
1336—Golden Ball. A very beautiful and bright yellow turnip of medium round size, and of universally sweet and delicious flavor. Flesh of golden yellow fine, texture, firm.	.05	.10	.20	.40	.60
1337—Extra Early Purple Top Milan. Flesh white, tender, smooth-grained and delicious. Shape is flat and smooth.	.05	.20	.50	.90	1.60
1338—Purple Top White Globe. High-class variety, early, good keeper.	.05	.15	.25	.45	.75
1471—Swede Breadstone Green Top. White solid and delicious in flavor. Specially suitable for table use.	.05	.10	.20	.35	.60
1468—Swede McKenzie's North Western. Invaluable for Stock or Table purposes—very good flavor.	.05	.10	.20	.35	.65

I have the pleasure to inform you that all the seeds I purchased from you proved to be very successful. I took 10 prizes out of 15 entries at Regina Show July 24th, 1916, also 14 prizes at Balcarres and 13 prizes at Lipton. On the whole I cannot speak too highly of McKenzie's Seeds.

Oct. 5, 1916.

JIM TICKLE,
Abernethy, Sask.

Photographed by A. E. McKenzie Co., Ltd.



Snowball Turnip

Old friends are best—McKenzie's Seeds have proved their worth.

Quality is the only thing worth while in respect to Seeds and McKenzie's Selected and Tested Strains are pre-eminent in their respective classes. Buy the Best—McKenzie's.

Photographed by A. E. McKenzie Co., Ltd.

TOMATO

Alacrity

1806—Two seasons ago we introduced this fine Tomato to our customers and results have more than justified and confirmed the opinion we formed at that time. It is certainly one of the *best selections* that has ever come under our notice and has given *unbounded satisfaction* wherever grown. The primary requisite in Tomatoes is *Earliness* and *Alacrity* has proved every claim made for it in this request. Secondly *productiveness* is looked for and here again it does not disappoint. Its *yield is enormous* under normal conditions and right treatment. The eating quality is superb and in summing up it is generally agreed to be the *Earliest, Large Smooth, Heavy Yielding Red Tomato* in commerce which is bound to increase in popularity as its merits become more widely known. It originated at the *Central Experimental Station, Ottawa*, where it was selected for *earliness* and *superfine quality*. Do not miss ordering *Alacrity*. (See illustration.)

Pkt. 10c, 1/2 oz. 25c, 1 oz. 40c, Postpaid.

As to seeds purchased from your firm this Spring I might say that they have done splendid and I am well satisfied with the crop of Vegetables produced.

W. W. CRAIG,
Willows, Sask.

Oct. 10, 1916.

Find enclosed order for seeds. I used your seeds a few years ago and found them perfect in every way.

MRS. HEPBURN,
Cheviot, Sask.

Mar. 17.

All the seeds I got from you both grass and garden seeds germinated and did well. Everything was very satisfactory.

LOUIS GOURLIE,
Aberdeen, Sask.

Oct. 13, 1916.

Early Atlantic or Ruby

1801—An *extremely early* Tomato that is *exceptionally productive* naturally must be a *strong, robust type*.

Early Ruby is *unquestionably a great open air Tomato* for producing *big crops*.

One of the *handsomest Tomatoes* on the market combining *all the essentials* needed to make a *variety popular in Western Canada* by its *extreme earliness* and the *capacity of producing clusters of smooth, round, bright red fruits* devoid of *blemishes* and *possessing a flavor unexcelled for quality*. Flesh solid, unmatched in texture and with no hard core. The vines are of strong, vigorous growth, close jointed and as the blossoms set freely the plants are capable of producing very heavy crops of well formed fruits of immense size, suitable for slicing.

As the vines are not over-burdened with foliage and the individual leaves are small, the fruits are quickly exposed to the beneficial influences of the sun which naturally assists evenness and earliness of maturity. This is undoubtedly a grand variety for the private grower or market gardener, as it embraces all the essential features which are absolutely necessary for a Tomato to possess if Tomatoes are to be a successful and profitable crop.

Pkt. 5c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00. Postpaid.

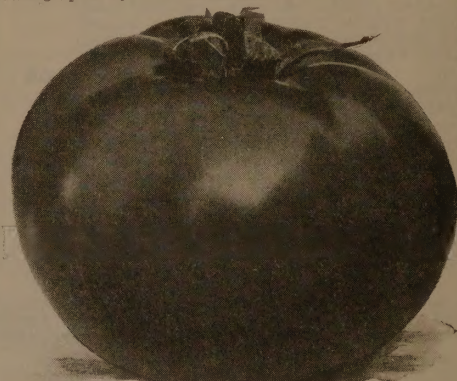
Photographed by A. E. McKenzie Co., Ltd.

Chalk's Early Jewel

1299—One of the largest, smoothest, and best flavored early Red Tomatoes in cultivation. Almost as early as the *Earliana* and a *much heavier cropper*. Its *large, handsome fruits* are very solid, deep through, almost round, bright scarlet color; ripen right up to the stem without cracks or green core. The foliage is open, admitting lots of sun, ripening the fruit rapidly, evenly, thoroughly. Leaves dark green and inclined to curl. Flesh is thick, bright scarlet, solid; very few seeds; sweet flavor and thin skin.

For general garden planting we consider Chalk's Jewel one of the most desirable sorts grown. We strongly recommend every user of vegetable seeds to give this a trial. We only list varieties which we consider worthy of our customers' attention. (See illustration.)

Pkt. 5c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00. Postpaid.



Chalk's Early Jewel

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Alacrity

Unless customers advise to the contrary we will, in the event of any specific variety being sold out, substitute with the nearest to the kind ordered. This will save time and avoid disappointment.

Photographed by A. E. McKenzie Co., Ltd.

TOMATO

McKenzie's First of All

A Splendid Main Crop Variety.

1298—McKenzie's First of All is unsurpassed in quality. Its production of fine, large fruits is enormous. The plants are compact in growth with short close jointed branches, setting fruits very freely.

The Tomatoes are very uniform in size, of smooth regular form. Is a beautiful red which continues to the very core. Choice seed grown under most excellent conditions producing a selection second to none on the market. The most important features to consider when growing Tomatoes are, rapid growth and adaptability to climate. This variety, owing to its extreme earliness, fills the bill admirably and is undoubtedly one of the very best for the Prairie West. (See illustration.)

Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.10. Postpaid.

Sparks' Earliana

A dependable early variety.

1300—There seems to be no geographical limitation for this splendid Tomato. It accepts soils and weather conditions even to some very remote northerly points.

Its solidity and fine quality are equal to most every type grown. Plants are very compact, with stout jointed branches, and the vines yield enormously. Fruits set close to the centre of the plant; thus exposed, the sun readily ripens them. Uniform, smooth and attractively shaped. Very bright red. Very free from seeds and cavities. Its delicious quality and flavor are its crowning merits. Is an especially good keeper.

Pkt. 5c, 1/2 oz. 20c, oz. 30c, 1/4 lb. \$1.00. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



Husk Tomato

Golden Husk Tomato

Makes Fine Preserves

1305—Also called Strawberry or Ground Cherry. Is greatly in demand for use as a preserve. It makes delicious pies either when ripe or dried with sugar. The fruits are enclosed in a husk or calyx. They grow about half an inch in diameter and are of very sweet and agreeable flavor.

Pkt. 5c, 1/2 oz. 30c, 1 oz. 50c. Postpaid.



McKenzie's First of All

A kiss of the sun for pardon,
A song of the birds for mirth,
We are nearer to God in the Garden
Than anywhere else on earth.

		Postpaid.		
		Pkt.	1/2 oz.	1 oz.
1302—Red Cherry. A small early variety, size and shape of a cherry.		.05	.30	.50
1303—Yellow Plum-shaped. The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid and fleshy.		.05	.30	.50
1304—Red Pear-shaped. A favorite for preserves; and also "tomato figs." Fruit is bright red, perfect pear shape, and rich flavor.		.05	.30	.50
TOMATO PLANTS—See Vegetable Roots and Plants below.				
TOBACCO				
1325—Connecticut Seed Leaf. Usually considered the standard.		.05	.20	.30

Sweet, Medicinal and Pot Herbs

A CORNER OF EVERY GARDEN should be allocated to the growing of a supply of Pot-herbs which are so essential for domestic use. They can be gathered for flavoring purposes during the summer months; or the young stems and leaves can be cut on a dry day, tied in bunches and dried in a cool place for use during the winter months—Pack closely in bottles to exclude air.

Postpaid.			Postpaid.		
	Pkt.	Oz.		Pkt.	Oz.
1357—Anise. Seeds aromatic and carminative.	.05	.25	1372—Sweet Marjoram. Leaves and ends of young shoots are used for flavoring in summer and also dried for winter use.	.05	.25
1358—Balm. For making balm tea.	.05	.30	1373—Thyme. Used for seasoning.	.05	.60
1359—Borage. Leaves used as a salad and for flavoring; flowers excellent for bees.	.05	.35	1374—Wormwood. Beneficial for poultry, should be planted in poultry yards.	.05	.50
1360—Caraway. Seeds are used for flavoring bread, pastries and meats.	.05	.15			
1362—Dill. Leaves are used in pickles, and for flavoring soups and sauces.	.05	.25			
1363—Fennel Sweet. The leaves boiled are used in sauces.	.05	.25			
1364—Horehound. The leaves are used for flavoring and the manufacture of cough medicine.	.05	.35			
1365—Hyssop. The tops and flowers are used for tea.	.05	.35			
1366—Lavender. Used for perfumery.	.05	.75			
1367—Pot Marigold. The dried flowers are used for seasoning soups.	.05	.35			
1368—Rosemary. Aromatic leaves used for seasoning.	.05	.70			
1369—Rue. For medicinal purposes; good for fowls for the croup.	.05	.65			
1370—Sage. Leaves and tops used for seasoning and stuffing.	.05	.25			
1371—Summer Savory. The leaves and young shoots are used for flavoring.	.05	.40			

Roots

Postpaid.		Doz.		By express at purchaser's expense.	
Asparagus Roots.	.50				2.00
Horse Radish Roots.	.60				3.00
Rhubarb Roots.	.40				2.50

Vegetable Plants

Postpaid.		Per doz.		Per 100.	
Cabbage, best varieties, early.	.30			1.25	
Cabbage, best varieties, late.	.30			1.25	
Cauliflower, best varieties.	.50			2.00	
Celery, best varieties.	.45			1.75	
Tomato, best varieties.	.45			1.75	

BEST FOR THE WEST

FIELD ROOT SEEDS

Comparative Values

In order to demonstrate clearly the relative value per acre of root crops as compared with wheat, we append the following figures which appeared in "Census and Statistics" January, 1916, issued by the Department of Trade and Commerce, Ottawa.

At the time of going to press this is the latest report issued by the Department on this subject and is therefore based on returns as a result of 1915 harvest, which will be memorable for the most abundant grain harvest ever reaped in Canada up to that time.

The figures which represent results from the provinces of Manitoba, Saskatchewan, Alberta, are given as they appear in the Bulletin and should prove interesting reading, especially to those who have not yet appreciated the value of root crops on their farms.

	Area Cultivated, Acres.	Yield per acre, bus.	Average price per bus.	Average value per acre.
Root Seeds ...	Manitoba.			
Wheat.....	4,300	269	35c	\$94.15
	3,342,900	29	85c	24.65
Root Seeds ...	Saskatchewan.			
Wheat.....	12,400	236	52c	\$122.72
	6,838,100	28	81c	22.68
Root Seeds ...	Alberta.			
Wheat.....	4,900	276	39c	\$107.64
	1,563,700	32	79c	25.28

In view of these facts it is to be hoped that the growth of root crops will receive more favorable consideration by Agriculturists of this country in the future. The continuance of the War in Europe has caused the nation to realize more acutely than ever the supreme importance of Agriculture. Meat is as necessary to the people as wheat; and food for cattle in the form of Mangels, Turnips, Carrots Cabbage, etc., must therefore be grown in far larger quantities than ever before

MANGEL

McKenzie's Eclipse

A New Introduction of Great Merit

1441—In McKenzie's Eclipse we have one of the most improved types that has been introduced for many years.

The exceptional quality of the flesh so highly charged with saccharine entitles it to all the praise that can be centred upon it, and it is essentially a Dairyman's mangel.

The roots are of a deep orange color similar in tint to the Golden Tankard Mangel but of a more uniform and plump shape. Its even thickness throughout illustrates its modified absence of waste and large yielding characteristics.

Another remarkable feature is the very small tops which permit of much closer planting than is common to mangels.

As indicated by its shape, it is an exceptionally easy variety to harvest.

Every farmer who grows roots owes it to himself to include a trial order of this variety. (See illustration).

1/4 lb. 20c. 1/2 lb. 30c. 1 lb. 55c. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



McKenzie's Eclipse

McKenzie's Manitoba Giant Yellow

1442—This is what is known as an intermediate type, and one of the heaviest croppers and largest grown. It grows from one to two-thirds above the surface, reaching large proportions in size. The skin is a rich golden yellow; flesh white, firm, and sweet in flavor, and esteemed highly for its feeding qualities. As the photograph indicates it has an exceptionally fine, smooth, round shape that renders the harvesting a comparatively easy matter. Its great value lies in its high percentage of saccharine matter, consequently as a fattening food for stock it is unequalled.

Ranks high in saccharine substance, which combined with its heavy yields has given it a prominence out-ranking most other types. (See illustration below). 1/4 lb. 20c. 1/2 lb. 30c. 1 lb. 50c. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



I am highly pleased with our seeds as they always give the best of results.

Yours truly,
J. C.
HOGARTH,
Purves,
Man.
Apr. 16, 1916



Yellow Intermediate or Gate Post

Yellow Intermediate or Gate Post

A Magnificent Quality Mangel

1445—We urge farmers for their own enlightenment to experiment with this variety for themselves. We firmly believe that every farmer who gives "Yellow Intermediate" a trial will, to a man, retain it year after year, convinced that it is a grand mangel in every sense of the word.

Synonymous with its name it resembles in shape and size a "post."

The merits of this mangel are many. 1st—It is an exceptionally heavy cropper. 2nd—Large size. 3rd—Easily harvested (as it grows about one-half out of the soil.) 4th—Very rich in saccharine. 5th—Highly relished by all kinds of stock. 6th—Has a luscious sweet flavor. 7th—Very firm and solid. 8th—Fine keeper. 9th—Fine appearance. 10th—Seed specially selected. 11th—Seed highly developed. 12th—Best for the West. (See illustration).

1/4 lb. 15c. 1/2 lb. 25c. 1 lb. 45c. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.

McKenzie's Root Seeds are specially selected for heavy yield and nutritive properties.



MANGEL

McKenzie's Peerless

Of Very High Feeding Value.

1440—To increase the feed supply and reduce the acreage is the doctrine of the newer agriculture.

In heavy crop yield it is a wonder, yielding from 30 to 40 tons per acre on well prepared land.

In introducing "McKENZIE'S PEERLESS" we have a new mangel that will be very hard to beat on the point of Feeding Value, and is not surpassed by any in yield.

In the most severe Laboratory tests the PEERLESS has produced more sugary or dry feeding matter than any other Mangel grown.

In appearance it resembles somewhat the Yellow Intermediate, roots are long, tapering gradually, skin is a reddish yellow. Grows well above the ground and is easily harvested.

We recommend, however, growing the roots fairly close in the rows, as the smaller roots contain a higher percentage of sugar matter and the close planting increases the yield. (See illustration.)

1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 55c. Postpaid.

Giant Yellow Globe

Very Fine Appearance. Very Heavy Yields.

1447—Nothing short of actual knowledge of this fine variety will convey an adequate idea of its great value, whether considered for its high percentage of sugar, fine appearance, immense size and productiveness. Noted for its small top and as it grows almost entirely out of the ground is very easily harvested.

These Mangels are models of perfection, growing uniformly, and cylindrical in shape, veritable tubes of gold, as the skin is an attractive golden yellow. The flesh is fine-grained, nutritious and highly relished by stock.

1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 45c. Postpaid.

McKenzie's Selected Golden Tankard

The Best for Dairy Farmers.

1444—This Mangel possesses the highest feeding properties. The color of the rind is a deep reddish orange and the flesh is yellow. It does not grow as large as the Yellow Globes but heavy crops can be raised as the roots may be grown closer together than the globe shaped varieties. Very rich in saccharine it has no rival for feeding value.

Stock thrive rapidly and prefer the Golden Tankard. The roots are tankard shape, of a handsome uniform type and mature early for feeding and are usually devoid of side shoots or fangs.

The Crop is easily harvested at a very small cost, and when stored under favorable conditions will remain in excellent shape for a long period. (See illustration.) 1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

I used several packages of your Seeds this year and found them satisfactory being my first year in gardening in this town. I tried several kinds of seeds, but my greatest success was from "McKenzie's Seed," and I have decided to use no other next year.

MRS. E. SHELSON,

Jan. 3, 1916.

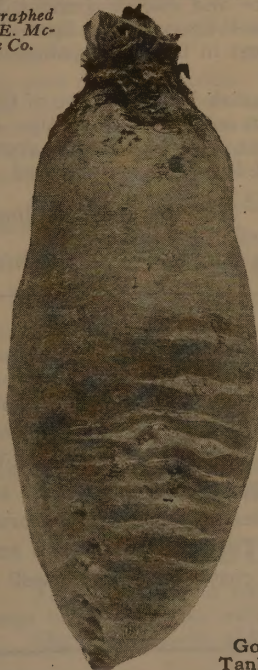
Yorkton, Sask.



McKenzie's Peerless Mangel



Photographed by A. E. McKenzie Co. Ltd.



Golden Tankard Mangel

McKenzie's Selected]

Prizetaker Yellow Globe

Every Mangel Grower Should Give it a Trial.

1448—It is rarely that a mangel combines all the fine qualities from a scientific agriculturist's point of view as does the Prizetaker. McKenzie's Selected Prizetaker Yellow Globe Mangel has all the essentials in a very pronounced form which will make it a very popular sort with dairymen who estimate quality at its intrinsic value.

This strain has been selected by careful breeding and the type is fixed, producing very large globular roots of symmetrical form, and of great depth with a single tap root, thus ensuring practically no waste. Does not bury itself in the soil and is easily pulled, thus saving much labor when lifting. The roots are very smooth, with very small tops.

1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 45c. Postpaid.

Please accept my thanks for your Express Order of Five Dollars which I won at the Holden Agricultural Fall Fair for the best exhibit of Vegetables grown from the McKenzie Co. Seeds. I wish you could have seen the cabbage and parsnip, beets, Hubbard squash, turnip, carrots and everything else; it was the talk of the crowd in the hall.

Thanking you again,
I enclose you a small order for Early Seeds.
Oct. 27, 1916.

WM. CAMPBELL, Holden, Man.

Giant Long Red

Unquestionably a Root of Exceptional Merit.

1448—Our stock of Giant Long Red is specially selected and grown and is undoubtedly one of the best sorts for farmers to grow.

The roots are very large, uniformly straight and well formed. Color, deep red, roots solid, tops small.

In the selection of this variety the qualities sought have been the greatest weight with absence of superabundant top and roots and the stock offered can be recommended as possessing these qualities in an eminent degree.

1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 45c. Postpaid.

Prizetaker Yellow Globe

Grow More Roots.

It is a regrettable fact that Farmers and Stock raisers in this Western country do not fully appreciate the great value of Mangels for feeding Cattle, Sheep, and Hogs. There is no question whatever as to the desirability for their more general use. In Great Britain and in fact all other European countries Root crops are grown on a large scale on every farm. Mangels are considered indispensable where stock of any kind is kept. From an economical point of view the Mangel crop is one of the most profitable on the farm as is amply demonstrated by the immense yields which are produced from an acre at very little outlay either in material or labor. 18 to 20 tons of roots per acre is not unusual, some of the roots weighing from 20 to 30 lbs. each. We earnestly recommend every farmer to put in an acre or two of Mangels this season as we are confident the results will more than justify the outlay.

GROW MORE ROOTS.

The Vegetable seeds used were yours and they were grand; had wonderful results. Many asked us where we got our seeds and I said A. E. McKenzie Co., Ltd., Calgary.

Sept. 14.

Mrs. W. M. COTTER,
Alderson, Alta.



SUGAR BEET

Half Sugar
Mangel

A Succulent Winter Feed for All Live Stock.

Many are under the impression that Sugar Beet and Mangel are synonymous; but such is not the case. Sugar Beet differs from the ordinary varieties of Mangel, being much sweeter and more nutritious. The yield, however, is somewhat lighter; but many claim that what the beet loses in yield it easily makes up in Saccharine (Sugar). The seed resembles that of Mangel and the method of cultivation is the same. The percentage of sugar is a variable quantity, some stocks giving as high as 16 to 20 per cent, while others as low as 6 to 8 per cent. It is therefore obvious that to obtain the best results only first-class pedigree stocks of seed should be used. Our stocks have been carefully grown to secure pedigreed qualities.

McKenzie's Monarch (White)

Remarkably Productive.

1430—In order to obtain the *highest percentage of sugar* it is imperative that a *first-class pedigree stock* of seed be sown. *Monarch* supplies this seed.

Its *preponderance of sugar* alone makes it a very *valuable acquisition*, as its *sweet lusciousness* is *relished immensely* by stock. Owing to its *immense size* it produces an *enormous yield*, while its freedom from tap roots aided by its projecting habit of growth *renders harvesting very easy*. It differs from other varieties in appearance, as the upper portion is green, shading down to white at the bottom. The flesh is white, fine-grained, solid, tender and extremely sweet.

We particularly call attention to its *soil and climatic adaptability*, as it will *thrive* under extreme adverse conditions and *produce abundantly* on most any soil.

1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

McKenzie's Giant (Rose)

Highly Nutritious.

1429—One of the largest and most productive Sugar Beets that can be grown. We strongly recommend this as a particularly fine stock feeding Sugar Beet of exceptionally high nutritive value and it is grown almost exclusively for this purpose.

The upper portion is of soft, bright pink, shading lighter towards the bottom, which is white. The flesh is white, firm, crisp and sweet. Recommended to Dairymen in particular, as it is very much more nutritious than Mangel and yields almost as much.

One of the most satisfactory kinds to grow on account of its adaptability to the West.

1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

Danish Improved (Rose)

Deserving of More General Culture.

1431—This selection has gained *rapidly in popularity* during the past few years and it only needs to be still more generally grown for it its merit to be more appreciated.

Considered by many eminent authorities to be one of the best selections of the Sugar Beet family and laboratory tests show that it possesses a *very high percentage of sugar* making it *invaluable for stock feeding*. The sugar Beet industry in Denmark is a very important one and much appreciated assistance and encouragement has been given by the Danish Government to well known Seed Specialists in order to stimulate and increase the interest in this very valuable stock feeding root.

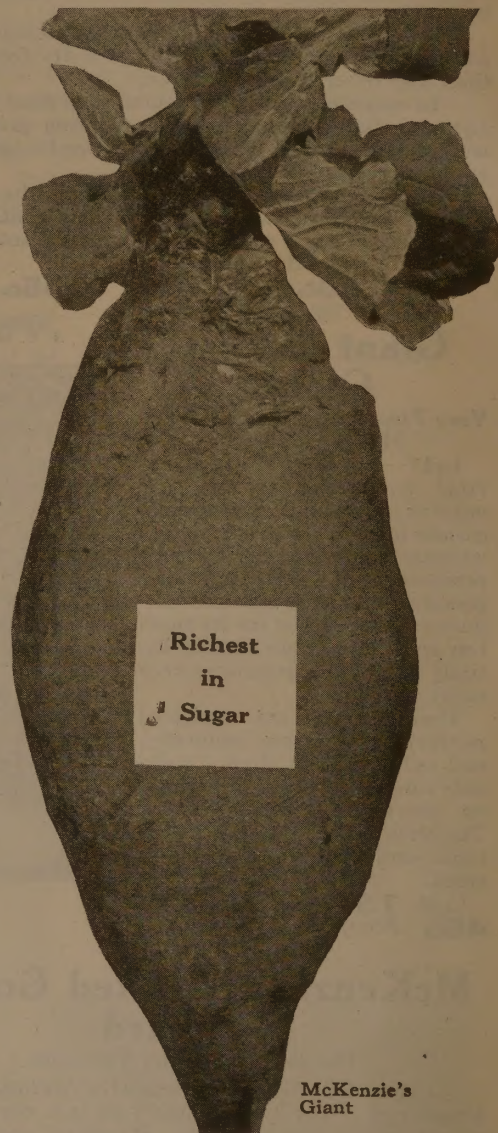
The roots of McKenzie's Danish Improved are of thick *oval form* tapering very gradually. Pink in color with white tip. A *heavy cropper* and in all points a *very desirable selection* to grow.

1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

1432—Klein Wanzleben. Not for stock feeding, but for the manufacture of sugar. Grows well in the ground.

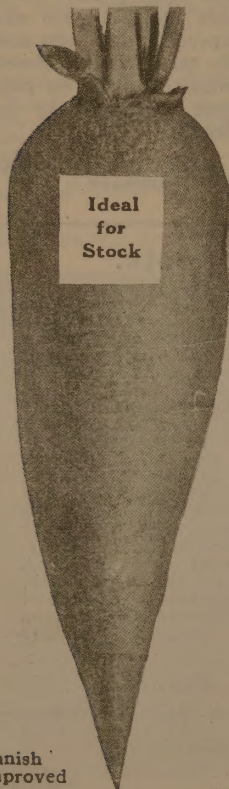
1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 85c. Postpaid.

Photographed by A. E. McKenzie Co., Ltd.



McKenzie's
Giant

Photographed by
A. E. McKenzie Co., Ltd



Danish
Improved

Order Early

In view of the shortages on many crops it is necessary to emphasize the importance of mailing orders to us immediately on receipt of this Catalog. Many varieties when sold out cannot be replaced. Orders will be taken in strict rotation as received. This applies particularly to Beans, Peas, Sweet Corn and some Root Crops as Mangel and Turnips, Onion Sets and Cereals. The year is exceptional and customers will be well advised to **ORDER EARLY**.

The desire for bargains in seed buying is one that the farmer should sternly repress. It can safely be taken as an axiom that there are no bargains in the seed trade. The following points are worth considering:

1. The loss due to weeds exceeds \$5,000,000 annually.

2. Cheap seeds are ALWAYS bad, but persistently high priced are not always good.

3. The sowing of cheap seed is the most expensive policy a farmer can adopt.

McKenzie's Standard Seeds are the result of over twenty years' careful selection.

FIELD CARROT For STOCK

It has long been recognized that all kinds of Stock are extremely sensitive to a change of diet, and in order to obtain the best results it is essential that a variety of food be given.

Carrots form one of the best articles of food for stock and are highly relished by all. The feeding value runs very high, being directly proportionate to the dry matter protein which, pound for pound, is equal to any grain and in many cases exceeds it.

Scientific analysis reveals that the constituents of Carrots are 87% of water, about 1¼% of albuminoids, nearly 7% of sugar and 2% of Carbohydrates. It is necessary to mention that Carrots are not good for very young animals, although they will, if given the opportunity, eat them greedily. Carrots are principally given to horses. The quantity of seed required per acre is 8 lbs. Should be grown to give that change of diet which is necessary on every farm where stock is kept. We only list the varieties which we know are most suitable for the West.

Photographed by A. E. McKenzie Co., Ltd.



Improved Half Long White

Long Red Surrey

1399—Many farmers prefer to sacrifice a trifle in yield and grow a yellow carrot on account of its better eating qualities.

While it is admitted that white carrots are the heaviest yielders, it is recognized that for eating purposes the orange carrots are used extensively.

Long Red, however, is a yellow carrot developed to large size for stock feeding. It is a heavy yielder, fine length, thick crown, very little core, finely grained, handsome appearance, smooth, clean, no side roots, sweet, tender, crisp and mellow.

Oz. 20c. ¼ lb. 60c. ½ lb. \$1.00
1 lb. \$1.90. Postpaid.



Fine Specimens of Giant White Vosges Carrot grown by Mr. Jim Tickle of Abernethy from McKenzie's Seeds.

McKenzie's Improved Half Long White

1394—The Leading Carrot for Stock. Every farmer who has given this variety a trial is enthusiastic in stating that it is one of the heaviest croppers grown and marked improvements in the condition of stock have been obvious in every instance where it has been used.

Aside from its feeding value for stock, which is the very highest, this splendid variety is the heaviest cropping Carrot grown. The roots are smooth, clean, and well shaped, short and very heavy at the shoulder, thus rendering them easy to harvest. Do not break in pulling and sorting. Are not inclined to be withery but sound and solid. It is an exceptionally good keeper; has great succulency and nutritiousness which make stock relish it immensely. The flesh is white, crisp, solid and very sweet in flavor. It is an improvement on the white and green Belgian sorts.

Oz. 15c. ¼ lb. 45c. ½ lb. 80c. 1 lb. \$1.50. Postpaid.

COOPER'S

Yellow Intermediate

1395—A Very Large Rich Stock Carrot. This is generally considered to be one of the very best carrots for profitable culture and stock feeding. It is a type of remarkable productiveness; so much so, that the large size and yield are amazing. It is very juicy and sweet, fine uniform size, solid and well shaped, clean-rooted, fine appearance and orange in color. It is a vast improvement on the white and orange Belgian sorts which have been such favorites in the past, not only in productiveness and ease of harvesting, but in its high feeding properties. Oz. 15c. ¼ lb. 40c. ½ lb. 70c. 1 lb. \$1.25. Postpaid.

Giant White Vosges

A Leading Variety for General Cultivation.

1396—The stated preference given White Vosges by the French, likewise their Eastern Canadian cousins on account of its heavy cropping record, is unquestionably the reason this carrot is so generally grown in the West to-day.

This, combined with its superlative feeding qualities makes it a leading variety for stock feeding purposes.

Smooth, white, crisp, very rich in protein. The roots are clean, well-shaped and solid. Is a fine keeper. Greatly relished by all kinds of stock. We particularly ask our customers to give this variety a trial alongside of any other carrot and note its remarkable characteristics. (See illustration.)

Oz. 15c. ¼ lb. 45c. ½ lb. 80c. 1 lb. \$1.50. Postpaid.

Long White Belgian

1397—As the name implies this variety has association with the "gallant little Belgians" who, amongst other good things, grew Field Carrots to perfection. White Belgian has long been their leading Carrot and is used exclusively for stock feeding. Smooth, blunt, heavy root of a sweet palatable appetizing flavor grows exposed fully one-third out of the ground, hence easily harvested. It is the largest carrot and produces an immense quantity of large nutritious roots 3 to 4 inches in diameter. Very free grower and thrives on all soils; but the feeding qualities are scarcely equal to that of the red sorts. (See illustration.)

Oz. 15c. ¼ lb. 45c. ½ lb. 80c. 1 lb. \$1.50. Postpaid.

Long Orange Belgian

1398—Similar to white Belgian in almost every way excepting color. A very large heavy cropping variety and good value and well worth growing for stock.

Oz. 15c. ¼ lb. 45c. ½ lb. 80c. 1 lb. \$1.50. Postpaid.

Our best customers are those who know us best.

Photographed by A. E. McKenzie Co., Ltd.



Long White Belgian

The best is that which renders the most service. Not the cheapest, nor yet the dearest.

**Pedigreed
and
Selected
Strains**
most suitable
for the
West

SWEDE TURNIP (Rutabaga)

Rutabagas are largely grown for table use as well as for stock feed. The demand for good quality roots is increasing and the supply frequently falls short.

Every farmer should grow Rutabagas if he desires to secure best feeding results. They afford that change of diet so essential to all stock. The varieties offered below are such as will bring the best returns as they have been *specially selected* for the purpose. There are many other sorts in use; but we firmly believe these listed will meet the requirements of all. Turnips have a flavor so distinct from Mangels, Carrots and Beets, as to render their use practically a necessity. Sow 2 to 3 lbs. per acre. We would like to see root crops more generally grown in Western Canada, for we are confident they have only to be better known to be more fully appreciated.

Kindly note: all the varieties of Swede turnips offered on this and the following page are recognised Standard sorts which cannot fail to produce satisfactory crops under normal conditions. We do not and will not, list new untried so-called "Novelties."

McKenzie's North Western

Photographed by
A. E. McKenzie Co. Ltd.

**As Good As Ever
Still the Leading Purple Top Variety**

1468—After many years' careful selection we placed this fine stock on the market when it immediately *jumped into popularity* and it has retained its prominent position from the day of its introduction. The secret of its *exceptionally fine quality* is explained in the one word *selection* and it combines all the important virtues necessary for complete satisfaction to the user, viz.:

(1) Short Neck, (2) Short Top, (3) Very Firm, (4) Rich and Sweet Flavor, (5) Very Productive, (6) Long Keeping, (7) Of High Feeding Value.

The accompanying illustration hardly does justice to this excellent variety, and we strongly recommend all to give it a place in their order for Turnips. It can also be used for the table as its cooking qualities are excellent.

$\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, 1 lb. 65c. Postpaid.

Imperial

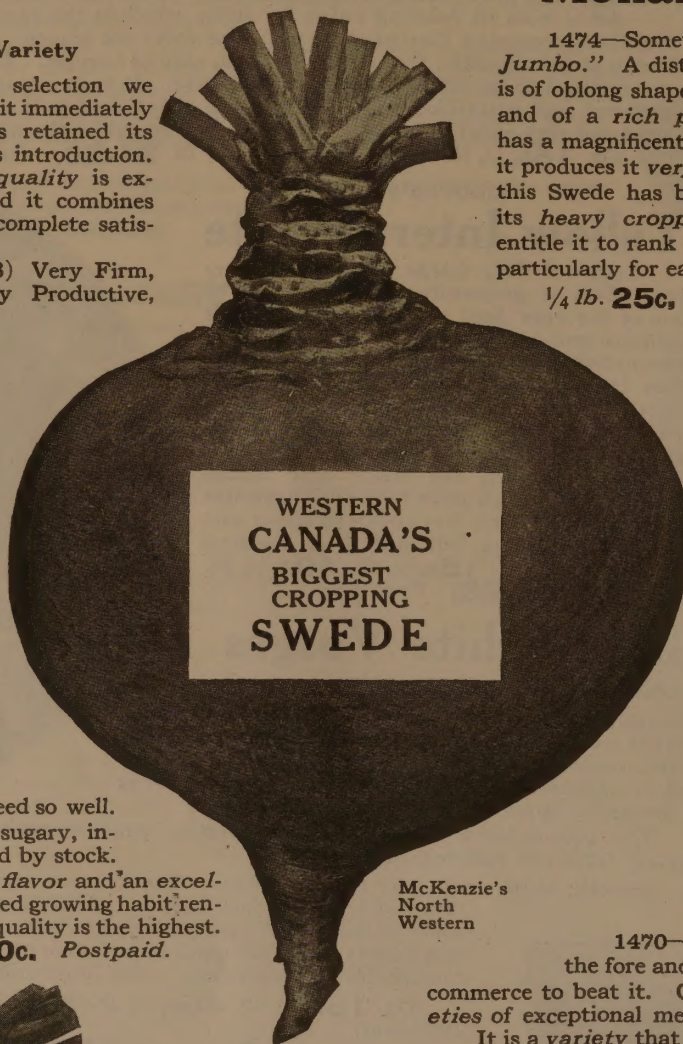
One of the Best Known Swedes

1469—*Prominent enthusiasts of farm economy, invariably mention Imperial as the Swede Turnip to include in the root crop.*

It is *highly prized* for its enormous yield; this is especially true throughout the West where Swedes succeed so well. The quality is *exceptionally fine* and sugary, intensely fattening and nourishing; relished by stock. *Fine-grained, solid, flesh yellow, mild flavor and an excellent keeper.* Its round shape and exposed growing habit render the harvesting very easy. Its table quality is the highest.

$\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, 1 lb. 60c. Postpaid.

Photographed by
A. E. McKenzie
Co. Ltd.



McKenzie's
North
Western

Monarch or Elephant

1474—Sometimes referred to as "Elephant or Jumbo." A distinct variety of the highest merit. It is of oblong shape, *standing well above the ground* and of a *rich plum color*. A field of this Swede has a magnificent appearance and the *weight of crop* it produces it *very great*. Ever since its introduction this Swede has been *increasing in popularity* and its *heavy cropping* and *general good qualities* entitle it to rank as *one of the best varieties* grown, particularly for early use.

$\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 40c, 1 lb. 70c. Postpaid.

Kangaroo

1476—Noted for its *heavy yielding* and *general good quality*. In shape similar to Monarch, but grows a bronze-green top. It is *highly spoken of* as being particularly suitable for the Prairie Provinces. Well worth a trial.

A standard variety, sure to please.

$\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, 1 lb. 65c. Postpaid.

To get the best results it is necessary to sow pedigreed tested Seeds only. It is possible to produce 18 to 20 tons of roots per acre from our Seed. Ordinary Stocks will probably yield only one half to one third this weight.

Bangholm

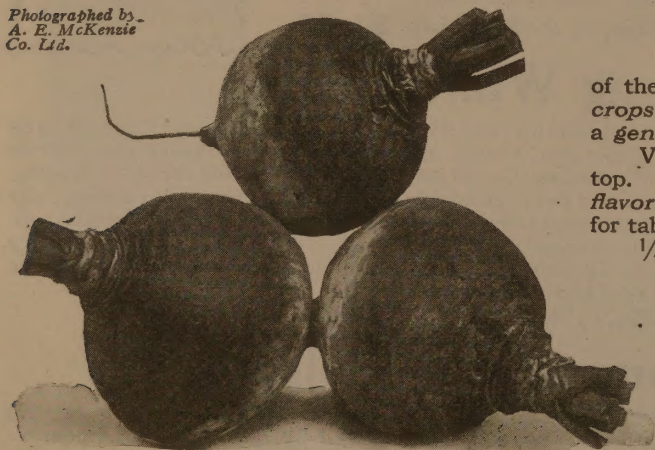
McKenzie's Selected

1470—This *grand old favorite* is still to the fore and deservedly so. There is nothing in commerce to beat it. One of the *leading standard varieties* of exceptional merit.

It is a variety that has been for years and is to-day one of the *old reliable favorites* with stockmen. It has *behind it a history of big crops*. Year in, year out, wet or dry, it has *demonstrated a peculiar fitness* as a general crop Swede.

Very large in size yet almost free from side roots. Skin is yellow with purple top. Flesh is a nice, yellowish color, *fine in texture, firm, solid, and mild in flavor*. Like most varieties, it is not only valuable for stock feeding, but is excellent for table use. (See illustration.)

$\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, 1 lb. 60c. Postpaid.



Bangholm

Our Turnip Seeds are all highly selected

As usual I was quite satisfied with the crops from your seed but I must specially remark on the remarkably fine shape, coloring and size of "North Western" Swede Turnips. They were the best I have seen out here.

Oct. 15, 1916.

W. H. SANDALL,
Paradise Hill, Sash.

Accept a hint—Grow more Roots.

Photographed by A. E. McKenzie Co., Ltd.

SWEDE TURNIP **McKenzie's** **Superlative**

The Dairymen's Favorite

1472—Specially and closely selected to yield heavily. It is really an enormous cropper. One of the most hardy and disease-resisting sorts in cultivation. Grows freely in all kinds of soils. Of mild flavor, firm flesh and robust growing habit. Very rich in sugar and a long keeper.

Of the *purple top variety* it has much the same habit of growth but more oval in shape than *McKenzie's Northwestern*.

In color it is a rich yellow with the genuine Rutabaga flesh.

1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 65c. Postpaid.

Universal

A Meritorious Swede Turnip of the Highest Quality

1478—The partiality shown for this Swede has undoubtedly been won on sheer merit and it has become so popular that its name (happily chosen) is likely to be fully realized and maintained.

In some districts this excellent variety is known as Canadian Gem or Century.

Its chief merits are:—

- (1) Ability to withstand extremes of temperature.
- (2) Great resistant powers against mildew.
- (3) Produces heavy crops of large, clean, shapely roots of uniform size.
- (4) Excellent feeding quality.
- (5) Easily harvested.
- (6) Highly relished by stock, particularly by Hogs, Sheep and Cattle.

Altogether an excellent and serviceable variety.

1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 65c. Postpaid.



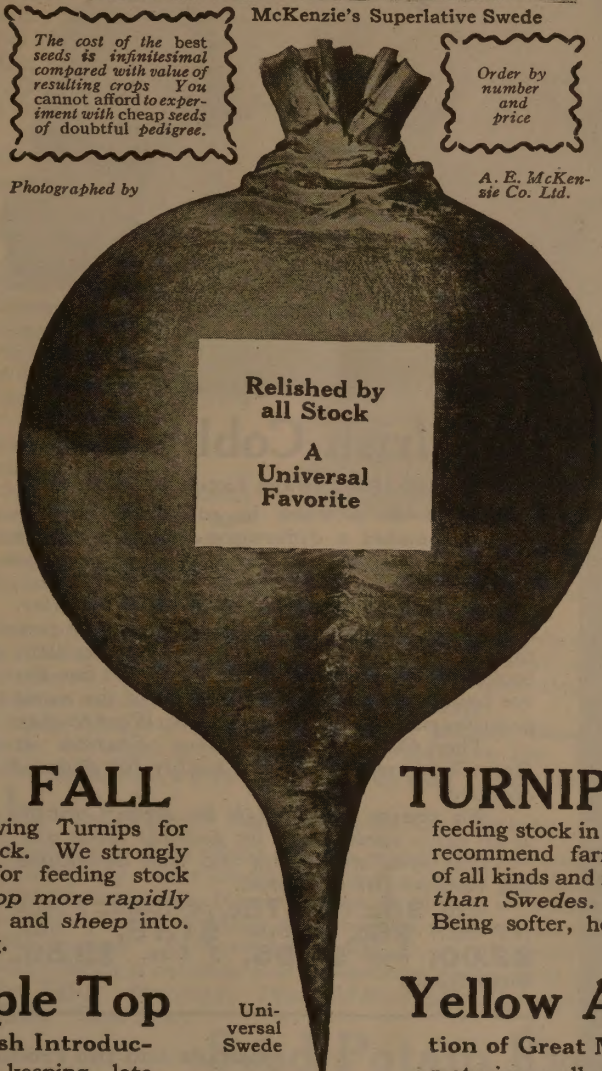
McKenzie's Superlative Swede

The cost of the best seeds is infinitesimal compared with value of resulting crops. You cannot afford to experiment with cheap seeds of doubtful pedigree.

Order by number and price

A. E. McKenzie Co. Ltd.

Photographed by



FALL

TURNIP

The advantages accruing from growing Turnips for They are much relished by all kinds of stock. We strongly sure the crop will prove remunerative for feeding stock the roots are small. *Fall Turnips develop more rapidly better in the world to turn hogs, cattle and sheep into. mended for keeping until late winter feeding.*

Purple Top

A Scottish Introduction

Universal Swede

1499—A round, medium-sized, long keeping, late purple top. Very tender and sweet. It is hardy, longer to mature than the white fleshed types the seed should be sown ten to fourteen days earlier than most sorts. Highly recommended.

1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

Purple Top Mammoth

Altogether a Superior Variety
An English Favorite

1498—Produces a greater weight per acre in a given time than any other white turnip. A reliable cropper, valuable for fall feeding. The roots are of a large globular shape, white skin with purple top. The foliage is heavy and cut. Flesh white, firm texture, mild flavor sweet and superb quality. Matures quickly and suitable for late sowings. 1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 60c. Postpaid.

Other Varieties

- 1500—Green-Top Yellow Aberdeen. Differs from the purple-top in color only.....
1501—Selected White Globe. Grows large in rich soils.....
1502—Crown or White Tankard. Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid growth, good yielder and well flavored.....

Postpaid

1/4 lb.	1/2 lb.	1 lb.
20c	30c	50c
20c	35c	60c
20c	35c	60c

The Eye Cannot See

It would be far easier to sell seeds if greater evidence of their quality was more pronounced by the appearance of the sample. What we mean by this is that the true value is not discernible on sight and cannot be determined by laboratory analysis. The scientific growth and production of highest grade seeds embraces:

- (1) Trueness to type or kind.
- (2) Highest percentage of germination.
- (3) Immunity from disease.

None of these are apparent to the eye by mere inspection of a sample. It therefore follows that the purchaser of seeds depends absolutely on the integrity of the seedsmen to supply only seeds which have been carefully selected during various stages of growth. This applies generally to all kinds of seeds, but more particularly perhaps to Beans, Peas, Cabbage, Onion, Mangel, Turnip, Field Grains and some Flower seeds. We specialize in seeds and the stocks offered in this catalog are the result of many years careful observation and selection and can be depended upon to suit the varying climatic conditions of the Canadian West.

Other Varieties

1475—Hall's Westbury. Genuine stock, quite distinct and hard to excel.

1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 65c. Postpaid.

1480—White Swede. White flesh; good for table use. 1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 70c. Postpaid.

1481—Champion. An improved stock purple top. In great demand. 1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 60. Postpaid.

The Purple Top White Globe Turnips were very good and are a delicious table vegetable.

W. H. SANDALL,
Paradise Hill, Sask.
Oct. 16, 1916.

The seeds we got of you last year were the best we have ever had since I am in Alberta, and that will be fifteen years next Spring.

W. LANDKAMER,
Daysland, Alta.
Feb. 28, 1916.



Photographed by
A. E. McKenzie Co.,
Ltd.



Early
Ohio

IMPORTANT
We request
that a second
(or even a
third) choice
be given when
ordering. In
the event of
this not being
done we will
substitute the
nearest variety
if necessary

Photographed by A. E. McKenzie Co. Ltd.



Growing Crop of Bovee Potatoes

SEED POTATOES

FIRST EARLY VARIETIES

Early Ohio

One of the Most Popular Early Potatoes Grown

1573—Notwithstanding the tendency to hybridize and the introduction of new varieties, *this Sterling Stock* holds its own most tenaciously. In fact, we believe it is generally admitted to be the *earliest, handsomest, and best potato of its type on the market*. That it is in the front rank in the potato world is evidenced by the fact that it is the only variety listed in Stock Quotations. It is deservedly one of the most popular.

The vines grow erect, very easy to cultivate, mature early, *do well on any soil suitable for potatoes*. Tubers grow compact in the hill, are easily dug—nice large uniform size with very smooth surface of soft pinkish color. Flesh is pure white, mealy and fine-grained; cooks dry and floury. *Superb table quality.* (See illustration.)

1 lb. **30c.** 4 lbs. **75c.** Postpaid.
1 peck (15 lbs.) **65c.** 1/2 bus. **\$1.00.**
1 bus. **\$1.75.** 1 bag **\$2.55.** 5 bus.
for **\$8.25.** Bags free.

McKenzie's Selected Bovee

Highly Recommended

1575—In competitive trials this well-known variety has proved its *large yielding properties*. It gives *bumper crops*, quite equal to any in the early section and is a *general favorite* with Market Gardeners. It is unquestionably one of the *heaviest yielders* of any of the very early varieties, and has maintained its high character and popularity notwithstanding the numerous "novelties" and wonderful potato creations continually being introduced.

Pink Skin—White Flesh

The compact habit of the vines and tubers in growth permits of planting six inches closer than most early sorts.

Oval Shape—Fine Even Size

Of high table quality—floury and palatable.

1 lb. **30c.** 4 lbs. **75c.** Postpaid.
Peck (15 lbs.) **65c.** 1/2 bus. **\$1.00.**
bus. **\$1.85.** bag **\$2.70.** 5 bus. for
\$8.75. Bags free.

Irish Cobbler

Demand Has Always Exceeded Supply

1572—As a week in *midsummer* frequently makes a *difference* of many dollars to the grower—we recommend *Irish Cobbler* to those who grow for early market.

The *cream-white* color of *Irish Cobbler*, its earliness, large netted tubers, immense productiveness, even shape, uniform size, excellent cooking qualities, snowy white flesh and fine flavor have made *Irish Cobbler* one of the most popular potatoes in the *Canadian West* to-day. The *Central Experiment Station* at *Ottawa* commend it very highly for general culture.

No praise is too high for *Irish Cobbler* as an early variety and for general table use.

The eyes are strong and well developed but very slightly dented.

1 lb. **30c.** 4 lbs. **75c.** postpaid, 1 peck
(15 lbs.) **65c.** 1/2 bus. **\$1.15.** 1 bus.
\$2.00. bag **\$2.95.** 5 bus. **\$9.50.**
Bags free.

Canada and the Production of Potatoes

In countries of the temperate zone, Potatoes are, next to Wheat, probably the most important article of vegetable food for human consumption. Almost everywhere they form one of the staple crops grown by farmers either in the garden for home use or as a field crop for marketing or feeding to live stock. It has been suggested that Canada should export more Potatoes to the Mother Country, seeing that Great Britain imports large quantities of Potatoes from other countries. The fact is, however, that as a general rule the United Kingdom grows a supply sufficient for its own needs, and in good years has even a considerable surplus for export. The bulky nature of Potatoes and the effects of the climate on the keeping qualities would appear to preclude the likelihood of any permanently remunerative trade in Potatoes between Canada and the Mother Country. At the present time the high ocean freights would prove a further handicap. There are, however, other considerations which might well induce Canadian farmers to devote more attention to the cultivation of the Potato. It might be worth consideration whether steps should not be taken to make industrial use of the Potato for the production of starch and alcohol as in France and Germany; so that in seasons of glut there may be a more profitable use for surplus supplies than feeding them to live stock or leaving them in the fields undug.

Prices on Potatoes are f.o.b. Brandon, except quantities listed postpaid.

SEED POTATOES

Second Early and Main Crop Varieties

Wee MacGregor

A Beautiful Potato—The Finest Grained and Whitest Crown

1570—An introduction of the Manitoba Province and therefore of exceptional interest. By *Sheer Merit* this grand variety has become one of the *leading and most popular* main crop sorts of the day. We strongly recommend every planter to include a liberal acreage of Wee MacGregors. Everybody appreciates a good potato and this is one of them. The skin is unusually attractive, being of creamy buff. Shape oval and grows noticeably uniform which is one of its special points. *Flesh pearly white and very fine-grained.* Cooks dry and floury. Of distinctly palatable flavor. A good keeper.

There are many other sorts we could offer to our customers; but in keeping with our general policy we prefer to confine our attentions to a select few that we can confidently recommend rather than list a number of "ordinary" merit. *Buy this Stock.* It will please you as it has done others. 1 lb. **30c.** 4 lbs. **75c.** Postpaid. Peck (15 lbs.) **65c.** 1/2 bush. **\$1.00.** bush. **\$1.85.** bag **\$2.70.** 5 bush. for **\$8.75.** Bags free.

Jersey Royal An Attractive Fine Cooking Potato

1571—In "JERSEY ROYAL" we have an importation direct from the Channel Islands, the great "Early Potato District" of England.

Our seed removed from the Parent stock several seasons, is a Revitalized Pure Bred Pedigreed Manitoba grown stock, much stronger in vitality and productiveness. Acclimatization has produced a potato considerably earlier than the original seed grown in its native home where millions and millions of bushels are exported to supply the heavy demands for an Extra Early Potato.

Aside from its earliness and productiveness, we have yet to see a potato that excels it in beautiful appearance.

To those who grow for the market and desire a smooth attractive potato we recommend "Jersey Royal." Its appearance will immediately create a demand; its earliness a fancy price, its eating qualities will satisfy the most critical epicures.

To those who aspire to Exhibition honors we confide "Jersey Royal" as a potato that will "point for point" win under most rigid and exacting discrimination.

"Jersey Royal" is an oblong or kidney-shaped white potato of very smooth surface, eyes as shallow as Honey-Eye Rose—a variety remarkable for its minute eye indentations. Consequently there is positively no waste in paring this potato.

As a cooker we know of no variety its superior; it will cook up fine, white, dry and floury in 25 minutes. It will not become soggy or water-soaked like so many varieties. Baked or mashed its flouriness is proverbial.

Planted third week in May, tubers are ready for use in July. It is a heavy cropper, disease resister, uniform shape, even size, and an excellent keeper. Vines are strong and hardy, of bright green color. 1 lb. **30c.** 4 lbs. **75c.** Postpaid. Peck (15 lbs.) **75c.** 1/2 bushel **\$1.35.** 1 bushel **\$2.25.** 1 bag **\$3.30.** 5 bushels for **\$10.75.** Bags free.

Gold Coin—A Reliable Main Crop Potato

1576—In a comparatively short period this has proved its good qualities as a first-class main crop variety, and although of comparatively recent introduction, it has gained popularity rapidly. All through the Eastern Provinces and Northern States particularly North Dakota, Gold Coin is extensively grown.

Of Fine Cooking and Eating Quality the tubers are white tinged with pink; grows to large size in loam soils. Vines very strong and vigorous. Remarkably productive. Altogether a good serviceable potato which we recommend to every planter desiring a reliable and productive main-crop variety.

1 lb. **30c.** 4 lbs. **75c.** Postpaid. Peck (15 lbs.) **65c.** 1/2 bushel **\$1.15.** bushel **\$2.00.** bag **\$2.95.** 5 bushel for **\$9.50.** Bags free.

Seed Potato Eyes by Mail

We have been sending out Potato Eyes by mail for the past few years with general satisfaction to our customers and there is no doubt that this method is gaining in popularity on account of the convenience and promptitude with which supplies can be obtained by the buyer. For those who are located at remote sections it is particularly suitable, as it enables them to obtain supplies of seed for planting where they would otherwise experience difficulty and inconvenience.

While there are many advantages connected with ordering Potato Eyes by mail which cannot be overlooked (and we append some of them here) we think it desirable to mention that wherever it is possible we recommend the planting of the whole Seed Potatoes in preference to the Eyes.

- The advantages of procuring new potato seed, cut to eyes, are:—
- 1st—Packed in neat packages, ready for use, they are delivered at your home town at a price which, in most cases, is less than the transportation charges would be if purchased in bulk.
 - 2nd—No freight or express charges to pay, as we pay the postage.
 - 3rd—Practically no danger from freezing when forwarded by mail.
 - 4th—Enables you, at a small expense to try out and experiment for and secure new seed stock to suit your fancy.
 - 5th—Potatoes cut to eyes is a recognized method of planting, and give good results and large yields.
 - 6th—It enables customers at remote sections to get a hurried and inexpensive delivery.
 - 7th—We guarantee safe arrival in good condition for growing.
 - 8th—Eyes are selected from the best stock only.

1577—100 Eyes. **\$1.25c.** Postpaid. 25 each of any four varieties. Any one variety of Eyes **50c** per 25 eyes. Postpaid.

Prices Quoted Per Bag Indicate 1 1/2 bus. or 90 lbs.

Prices f.o.b. Brandon
except quantities listed
postpaid

We do not ship Potatoes
until all danger from frost
is past—about first week
in May.



Wee MacGregor



Photographed by A. E. McKenzie Co., Ltd.



Absolutely
the Finest
Forage Plant
for the West

Thousand-Headed Kale

Will Thrive on
Almost Any Soil

613—Thousand-Headed Kale is a forage plant of rapid growth throughout the Canadian West. It is highly relished by cows and sheep.

The stems are covered with an abundance of branching, broad leaves which are very productive and eagerly eaten. Very similar to rape in appearance but grows much taller. The seed should be sown in the spring in drills 30 inches apart, and the plants thinned out to a distance of 24 inches from each other. As a pasture crop for milch cows, cattle, swine and sheep it has no superior. A good crop will furnish twelve to fifteen tons per acre of green food and its nutritive value is almost twice that of clover an acre. It has proven a great boon to our Prairie West on account of its ability to resist frost.

1 lb. 45c. Postpaid; 10 lbs. or more, per lb. 30c. 25 lbs. or more, per lb. 29c. Purchaser pays the freight.

One of the most valuable fodder plants ever offered. We urge every farmer and stock raiser to try it out this season. It is certain to be a favorite once its merits become known to Canadian agriculturists. In European and other countries where it has been grown extensively it is spoken of very highly on account of its rapid and vigorous growth and highly nutritious feeding properties. It belongs to the Kale family and is perfectly hardy. There are two special qualities which make this fodder plant so valuable:

- (1) Its great weight of leaves.
- (2) Its abundant feeding qualities at a time when there is a general shortage of green food as it withstands drought remarkably well.

Cattle consume it with avidity, some of them turning from Mangels and Beet in preference. As a milk producer it is unsurpassed and does not give any objectionable taste to the milk like some fodder plants.

The stem, which is thickened contains the "marrow" or flesh and bears leaves from bottom to top ending in a large branching head like Rape. The marrow is softer than a turnip. By reason of its elongated stem this new plant can be grown close in the rows. Perhaps the most valuable point for consideration by the farmer is the enormous yield per acre. It is practically immune from disease. Grows about four feet high. Sow at the rate of 2 lbs. per acre in drills about 24 inches apart, leaving from 9 to 12 inches between each plant. (See illustration).

1 lb. 5 lbs. Postpaid
\$1.30 \$5.90

Quantities of 5 lbs. or more per lb.
\$1.00 Purchaser pays freight

Last Spring I purchased some seeds from your firm, among which was a half pound of Duplex Kale seed and would like you to know the success which I had with same. I sowed the Kale seed about the 20th of May in drills about 28 inches apart, and thinned out seedlings 15 to 18 inches apart, in rows, and the crop was most satisfactory; the yield being over five tons. This Kale grew with us to a height of from three to five feet; the leaves being large and smooth or but slightly curled, and was greatly relished by our Dairy Cows and Hogs. I wish to have a larger supply of Kale next season. Thanking you for introducing it. A. C. McPHAIL, Farm Superintendent, Hospital for Insane, Brandon, Man.

Oct. 1, 1916.

Every Stock
Raiser should
grow this

RAPE

Dwarf Essex

1450—Rape is much like Swede Turnip (Rutabaga) in appearance, but the root is more like that of Cabbage.

Until recent years rape has been grown almost exclusively to provide pasture for sheep; but it is gradually being proved equally good for all kinds of stock.

If the growing of rape for sheep, cattle and hogs is highly profitable to raisers of thoroughbred stock, large ranchers and dairymen, does it not seem reasonable to suppose that it would be relatively so to any farmer?

Breeders of fancy stock are never without a field of rape. Some Ranchers sow up to 1,000 lbs. of rape each year.

As a pasture crop for cattle, sheep, hogs or poultry it has no superior, adding flesh to the stock, quick, plump and

solid. If sown early on well prepared land it is most excellent for hogs. Sown with grain gives feed for all kinds of stock in the late fall. Sown with peas, oats or clover will provide pasture. Is useful as a cover in the orchard. Will provide good pasturage if sown with rye in August.

To plow under as a green crop adding humus to the soil. We especially recommend that instead of allowing the summer fallow to stand idle that you sow rape, as it gives pasturage and very choicest feed until snow falls, and the heavy vegetation and natural fall fertilizes the land, thereby obtaining treble results: 1st, feed for the stock; 2nd, enrichment of the land; 3rd, increased crops the following season.

Considering that one acre of rape will furnish pasture for ten to twenty hogs for two months, supplying at least twelve tons of green feed, it is impossible to secure cheaper feed or make a better investment. See illustration for heavy way in which it grows. Sow only the Dwarf Essex variety.

1 lb.	4 lbs. Postpaid	10 lbs. or more	25 lbs. or more	100 lbs. or more
30c	1.10	17c per lb.	16c per lb.	15c per lb.

Purchaser pays freight

McKenzie's "Duplex" Rape-Kale

The New
Fodder Plant

Photographed by
A. E. McKenzie
Co., Ltd.



McKenzie's
"Duplex"
Rape-Kale

Service is the Watchword of the McKenzie Business

TREE, SHRUB & FRUIT SEEDS

IT SEEMS REMARKABLE that there is not a greater demand for Seeds of Trees, Shrubs and Fruits in the Canadian West, especially as they can be so easily grown. There's hardly anything one can think of that will add so much natural beauty and give that desired "old world" appearance as a well-trimmed hedge and a few suitable shrubs both of which are so easily produced from seed in a comparatively short time.

The list of seeds here given have been carefully harvested and are mostly native grown, which will give far more satisfaction than foreign grown seeds which are not acclimatized and unable to withstand the rigors of the Canadian West.

Elms and Birch are better sown as soon as the seed is ripe, for they are apt to lose their vitality quickly. Orders for these will be booked for delivery in June.

BOX ELDER or MANITOBA MAPLE will yield about 2,500 plants from one pound of seed.

CARAGANA will yield about 2,750 plants from one pound of seed.

MANITOBA WHITE ASH will yield about 3,500 plants from one pound of seed.

LARCH, BALSAM, FIR, SPRUCE AND PINES, one pound of seed is sufficient for 100 square feet of surface.

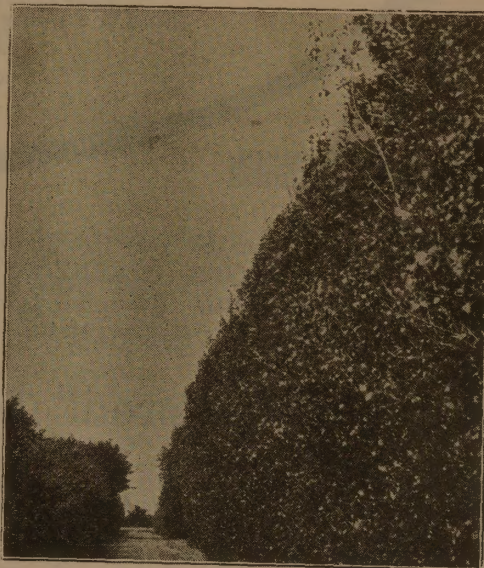
	POSTPAID				
	Pkt.	oz.	¼ lb.	½ lb.	lb.
1400—Balsam Fir (<i>Abies balsamea</i>). An ornamental evergreen tree; very hardy. Sow seed in the spring in prepared beds and in rows 6 inches apart; cover with a light layer of sand and allow them to remain in the beds for two years before transplanting.	.10	.35	\$1.10	\$2.00	
1401—Barberry, Common (<i>Berberis vulgaris</i>). Useful for hedges and shrubberies. Very attractive. Seed should be sown as soon as ripe in light, sandy soil. Thin out the seedlings when large enough and transplant following spring.	.10	.40	.75	\$1.25	
1402—Barberry, Purple-Leaved (<i>Berberis atropurpurea</i>). Has rich, purplish-red leaves. Culture same as preceding.	.10	.70	\$1.20	\$2.25	
1403—Box Elder or Manitoba Soft Maple (<i>Acer negundo</i>). When not too crowded will form beautiful groups in the garden. Requires a somewhat sheltered position. Easily raised from seed sown in spring or fall.	.10	.20	.45	.85	\$1.50
1404—Buckthorn; (<i>Rhamnus Frangula</i>). Sometimes referred to as the Berry-bearing Alder. Suitable for hedges and will thrive in any good garden soil. Seed may be sown as soon as ripe or in spring in cold frames.	.10	.25	.70		
Caragana. See Siberian Pea.					
1405—Cottonwood (<i>Populus deltoides</i>). Recommended particularly for the Canadian West on account of its rapid growth. Is very ornamental and attractive when planted in rows or avenues. Thrives on most soils.	.10	.25	.75	\$1.40	
1406—Dogwood (<i>Cornus stolonifera</i>). Very ornamental, flowers white followed by white berries. Prefers moist situation. Sow seed in fall, pricking out seedlings in the following spring.	.10	.20	.50		
1407—Ginnallian Maple (<i>Acer tataricum</i>). Very ornamental. Same cultural directions as for Box Elder.	.10	.70	\$1.25		
1408—Larch or Tamarack (<i>Larix Laricina</i>). Sow seed early in spring in prepared beds and cover lightly with soil. Rows should be drawn 6 inches apart and seedlings allowed to remain undisturbed for two years before transplanting.	.25				
1409—Lilac (<i>Syringa vulgaris</i>). Very attractive and early flowering. Thrives in almost any soil.	.10	.25	.85	\$1.60	\$3.00
1410—Green Ash (<i>Fraxinus veridis</i>). Seed should be sown in the spring in beds of good sandy loam and allowed to remain two seasons before transplanting in rows 6 inches apart, placing the seedlings 18 inches apart in the rows.	.10	.15	.50	.85	\$1.50
1411—Manitoba Native Plum (<i>Prunus niger</i>). Sow seed as soon as ripe in a sheltered position. Thrives in any good garden soil. Very attractive and suitable for shrubberies, avenues, etc.	.10	.25	.85	\$1.60	\$3.00
1412—Manitoba White Ash (<i>Fraxinus Americana</i>). Easily distinguished by the lighter, brownish-grey bark and pale green leaves. Same culture as Green Ash.	.10	.25	.70	\$1.25	
1413—Manitoba White Elm (<i>Ulmus Americana</i>). Very ornamental, prefers a mellow, loamy soil. Seed should be sown as soon as ripe in the spring.	.10	.30	.95	\$1.75	
1414—Mountain Ash (<i>Sorbus Americana</i>). Flowers white, followed by large bunches of bright red berries. Very attractive and ornamental. Seed should be sown as soon as ripe in prepared beds in the open.	.10	.40	\$1.35	\$2.50	
1415—Russian Olive (<i>Elaeagnus angustifolia</i>). Sometimes referred to as the Jerusalem Willow. An ornamental shrub frequently covered with silvery scales. Sow seed in spring. Will succeed in any good garden soil.	.10	.35	\$1.10	\$2.00	
1416—Scotch Pine (<i>Pinus sylvestris</i>). Same culture as Balsam Fir.	.10	.40	\$1.35	\$2.50	
1417—Siberian Pea Tree (<i>Caragana arboreascens</i>). Suitable for hedges and shrubberies and will flourish on poor soils. Seed may be sown as soon as ripe or in early spring.	.10	.25	.90	\$1.60	\$2.50
1418—Spruce Black (<i>Picea nigra</i>). Suitable for pleasure grounds, parks, etc., and adapted for dry, rocky soils. For sowing see Balsam Fir.	.25				
1419—Spruce Norway (<i>Picea excelsa</i>). A very attractive species suitable for parks and pleasure grounds. For sowing see Balsam Fir.	.10	.35	\$1.25	\$2.25	
420—Spruce White (<i>Picea alba</i>). Of attractive appearance, suitable for parks, pleasure grounds, etc. For sowing see Balsam Fir.	.10	.60	\$2.15	\$4.00	
1421—Tartarian Honeysuckle (<i>Lonicera tartarica</i>). Flowers pink to red and white. Fruits red. Sow seed in spring in cold frame and transplant when large enough in rich loamy soil. Red or white.	.10	.55	\$1.00	\$1.85	
1422—White Birch (<i>Betula alba</i>). Trees are decidedly graceful and attractive. Sow seed in spring in beds of sandy loam and transplant following year.	.10	.20	.65	\$1.10	

Seed in all cases should be sown in drills in prepared beds and in a sheltered position, giving as much shade as possible and protection during the winter, for besides keeping the soil moist it lessens the possibility of freezing. Do not sow the seeds too thickly in the rows, which should be in all cases 6 inches apart. Seedlings can advantageously be left in the soil for two years before transplanting.

Photographed by A. E. McKenzie Co., Ltd.



White Spruce



Cottonwood



Manitoba Maple

McKENZIE'S SELECTED

McKenzie's Gold Standard Marquis

Beginning with a small plot and sowing same in rows so as to permit of every plant being examined, the first step is to eliminate any "rogues" or variations, removing the untrue plants from the plot. The next step is to select sufficient of the best to produce enough seed to sow a similar plot the following year. The crop from this plot is then carefully threshed and the following year sown on clean well prepared land to produce McKenzie's Gold Standard Wheat. This is the most scientific and exacting method known and practiced in agriculture today.

The application of this principle in the propagation and cultivation of grains results in effecting a higher state of perfection in all respects, trueness to type, purity, size of kernel, shape, earliness, productiveness, color, flintiness, milling properties, head formation, length and strength of straw, its habits and root system.

This seems very simple on paper, but when it is remembered that pedigree seed crops and hand selected plots are all subject to the vagaries of our climate, hail, rust, and the many other attendant ills, that harass the mind of every farmer, our practical customers can readily conceive the difficulties we have to contend

Continued below

with from year to year to place ourselves in a position to take care of the needs of this great west. 3185—MARQUIS—McKENZIE'S GOLD STANDARD. Put up in new special heavy cotton bags, each containing two bushels. Every bag is subjected to careful inspection and then sealed with Gold Standard Seals. Price **\$2.80** per bus., 10 bus. or more **\$2.75** per bus. Cotton bags **30c** each.

"Registered" Marquis

3208—The difference between the *Registered* and our *Gold Standard Stocks* is that the former are certificated by the Canadian Seed Growers Association and cannot be Registered unless it qualifies in every way to the Association's Standards. *Both kinds have been grown and prepared by cleaning under identical conditions.* A certificate of Registration accompanies each 2 bush. bag. Each bag is sealed and cannot be broken.

Price **\$3.10** per bush. Bags **30c** each.

Write for special price on quantities of 1,000 lbs. or more.

Cash Deposit

In order to aid customers who are anxious to sow a large acreage, and who desire to protect their requirements early in the season, but find it inconvenient to provide sufficient cash to pay for same, we will accept orders for seed grain, grasses and clovers, accompanied with a cash deposit of 25% of the value of the order, the balance to be remitted when the purchaser orders the shipment to go forward. All seed so ordered is immediately reserved, and will be held until, but not later than, March 27th.

Two

Our Seed Grain Stocks are divided into two sections or classes:

- 1st. Pedigreed Seed.
- 2nd. General Stock Seed.

The varieties listed in this Catalogue proper are stocks with pedigreed parentage and specially grown for seed.

General Stock

Owing to the unusual crop failure last harvest, thousands of farmers are obliged to buy their full requirements of seed wheat, oats and barley.

As seedsmen, it is our duty to make large provision of good "General Stocks" wherewith the needs of the country can be supplied.

To better meet the large demand for "General Stock seed" we have issued a "Special Supplement" bound in the front of this catalogue, which represents many thousands of bushels of Sample Selected Marquis Wheat, American Banner Oats, Victory, and others.

We invite Municipal Councils and private buyers of large lots to consider the stocks listed in "Supplement."

Buyers of Large Lots

A splendid range of stocks are described on "Supplement" bound in the front of this book. Buyers of large lot should consult "Supplement" for information re obtaining car lot quotations.

SEED

WHEAT

McKenzie's Gold Standard Red Fife

Every farmer knows that the cost of harvesting a bumper crop amounts to very little more than a moderate or poor crop, and so far as the preparation for seed and the actual cost of sowing the seed is concerned, it costs the same whether you have a crop or not and poor seed costs as much to sow as the very choicest. This then resolves itself into a question of the actual difference in cost of McKenzie's Gold Standard seed and ordinary Wheat.

The fact that these words must necessarily be written some time in advance of being read makes it rather difficult to quote figures, as a change in the market might very easily make them appear ridiculous.

The breeding and selection of McKenzie's Gold Standard Wheats explained on page 44, ensures, under ordinary conditions, an increased crop of from ten to fifty per cent. One need not therefore be a mathematician to decide which is the best and most profitable seed to sow. It shall ever remain a maxim that "whatsoever a man soweth that shall he also reap."

Continued below

3202—RED FIFE, GOLD STANDARD.—Put up in new special heavy cotton bags, each containing two bushels. Every bag is subjected to careful inspection and then sealed with Gold Standard Seals.
Price **\$2.80** per bus., 10 bus. or more **\$2.75** per bus. Cotton bags, **30c** each.

"Registered" Red Fife

3204—The same remarks apply as to "Registered" Marquis as compared with *Gold Standard Red Fife*, the only difference being that the stock is certified by the Canadian Seed Growers' Association. It is identified by the official certificate, and put up in 2 bushel bags.

Price **\$3.10** per bush. Bags **30c** each.
Write for special price on quantities of 1,000 lbs. or more

Fall or Winter Wheat

Turkey or Alberta Red

3206—A few years ago this variety was exceedingly popular in many parts of Alberta, and it has also been tried out with varying success in many parts of Manitoba and Saskatchewan. The trouble of course lies in its frequent winter killing. In districts where normally there is a heavy snowfall, and consequently, less danger of this disaster, it is a fairly good proposition, as it ripens earlier and in a season like last year, would have proved a veritable boon, as it would most probably have escaped the blighting effect of rust.

Put up in new special heavy cotton bags, each 30c, containing two bushels. Every bag is subjected to careful inspection and then sealed with Gold Standard Seals.

Price **\$3.15** per bus., 10 bus. or more **\$3.10** per bus. Cotton bags **30c** each.

Prelude

3201—Another year's experience of this variety has again demonstrated its value as an early ripening wheat. Two weeks ahead of Red Fife and one week in advance of Marquis. Where Red Fife or Marquis can be successfully grown we do not recommend it, but there are many northern sections where farmers have despaired of ever raising good wheat, owing to early and late frosts, and Prelude makes a strong appeal to all such, and we believe will give satisfactory results.

1 bus. **\$2.95**, 10 bus. or more, per bus. **\$2.90**.
Cotton Bags **30c** each.

Macaroni

3180—This is a very strong growing wheat, which matures quickly and early. It seems to have drought resistant qualities which eminently adapt it for semi arid conditions; the past season has also demonstrated its ability to withstand the ravages of rust to which it seems to be practically immune.

1 bus. **\$3.00**, 10 bus. or more, per bus. **\$2.95**.
Cotton Bags **30c** each.

Egyptian King

3187—The past season was not by any means favorable for testing the comparative value of any variety of wheat, and, consequently, we feel disposed to reserve final judgment. Reports are to the effect that it stood up better than anything else in rust-infected districts, yielding 25 bushels to the acre where other varieties were a total failure. This seems to us to justify a further trial, hence our reason for placing ourselves in a position to offer again this season.

1 lb. **40c**, 7 lbs. postpaid **\$1.50**, 1/2 bus. **\$3.00**
1 bus. **\$5.00**, 5 bus. **\$22.50**, 10 bus. **\$40.00**
Cotton Bags **30c** each.

Prices on Seed Grains are subject to market fluctuations.

Prices are f.o.b. Brandon unless otherwise stated.

Grow Flax

This Year

\$1.35 will Seed an Acre of Flax

Thousands of farmers will seed flax in 1917 in preference to wheat. This is easily understood because \$1.35 (which is the value of 20 lbs. of flax) seeds one acre, whereas wheat costs nearly \$3.00 per acre to seed.

We have provided excellent stocks both as to quality and quantity.

"For the new settler or the man with new breaking done before May 25 or 26, flax offers an opportunity for money-making such as is not possible with any other crop."

This is an extract from an article by Director J. H. Grisdale, B. Agr., of the Dominion Experimental Farm, advising Canadian farmers to grow more Flax.

He adds: "Where wheat seeding has progressed rather slowly, it will often be advisable to sow the last few acres intended for wheat to flax instead. It is well worth while trying flax and running no risk with late wheat, which is usually a poor crop at best."

Flax will mature though sown as late as the first week in June. It can be grown successfully on low, wet fields and on new breaking. It leaves the soil mellow and in fine condition for wheat. It averages over 12 bushels an acre in Western Canada. It has sold in the past at an average price of around \$2.00 a bushel.

North Dakota Resistant No. 73

3289—Another of Prof. Bolley's selections which we had pleasure in introducing in 1916. A typical type of oil producing flax. Not as strongly wilt resistant as N.D.R. No. 114 but decidedly more Rust Resistant. It is a very heavy yielder. Is equally suitable for old or new land. We especially recommend this variety to those whose crop has in the past suffered from Rust. Our stock emanated from the North Dakota Experimental Station and that we now offer is the produce grown from seed supplied direct one year ago.

1 lb. postpaid 1/2 bus. 1 bus. or under 10 bus. 10 bus. or more
35c \$2.00 \$3.85 \$3.80

Primost (Minnesota No. 25)

3265—This variety originated at Minnesota Experimental Station, being a selection from what was known as the White Blossom Dutch Flax. It is some years since we first introduced this variety to the Canadian West and probably we can give no better testimonial in its favor than to say, that we have invariably found the demand to exceed the supply. It is from 7 to 10 days earlier than Common Flax (a valuable feature where early frosts are experienced). A heavy yielder ripening very evenly, straw medium length, easily harvested. The grains of Primost are somewhat smaller than Common and as a consequence it is sometimes difficult to remove such weed seeds as "Stickseed." Our highly perfected cleaning machinery enables us to remove all impurities that it is humanly possible to eliminate. The "absolutely" clean stocks naturally go first and we therefore recommend early ordering.

1/2 bus. 1 bus. or under 10 per bus. 10 bus. or more, per bus.
\$1.90 \$3.60 \$3.55



North Dakota Resistant No. 114

(N.D.R. 114)

3288—Introduced to the Canadian West by us last year this variety as its name indicates is a product of the North Dakota Agricultural College, and will doubtless long remain a monument to the genius of Prof. Bolley. The features which distinguish it from other selections from this same source, are viz:—It is taller than No. 52, ripens more regularly at the top, maturing its seed more evenly. It does not require such a long season to ripen as No. 52 and as a consequence is more adapted to the needs and conditions of Western Canada. The seed is dark brown in color, small and plump and nearly straight. It was selected on account of its Wilt and Rust Resistant properties and also because of its evident heavy cropping qualities. It has been well tried in North Dakota and has amply justified all claims made for it. The seed we offer was grown from seed supplied by the North Dakota Experimental Station and the growing crop inspected and approved by them.

1 lb. postpaid 1/2 bus. 1 bus. or under 10, per bus. 10 bus. or more
35c \$2.00 \$3.85 \$3.80

Common or Russian

3266—Common Flax still retains a popular place among Western Farmers. On virgin land newly broken and especially where early frosts are not frequently encountered it can be depended upon to give a good crop. The advantages of the Wilt and Rust Resistant types are naturally more in evidence on old lands when spores of these Fungi are in the ground. Common Flax has again and again proved a "friend in need" to the new settler or homesteader. Its adaptability for sod land—splendid crops have been harvested sown on virgin land immediately after it was broken—its small bulk and high value all contribute to fit it admirably for the pioneer whose need is ready cash and whose facilities for handling a crop are few. The seed we offer is very choice, clean, plump and of excellent vitality. Good Flax is not plentiful; we therefore recommend early ordering.

1/2 bus. \$1.80 1 bus. and under 10 bus. \$3.40, per bus., 10 bus. or more \$3.35 per bus.

Golden

3264—Three years ago we introduced this variety to the Canadian West. Its advent was somewhat triumphantly heralded inasmuch as that year it was awarded the Silver Medal for Flax at the International Dry Farming Congress at Tulsa, Okla.

It is distinct from all other varieties in the beautiful golden color of the kernels and also in the color of the flower being white. About 10 days later in ripening than Primost, shorter in the straw averaging about 18 inches.

Yields on an average about the same as the brown-colored varieties.

May be sown in precisely the same manner as other varieties.

Per lb. 5 lbs. postpaid Peck 1/2 bus. 1 bus.
35c \$1.35 60c \$2.00 \$3.80

It Certainly Pays to Grow Flax.

Photographed by A. E. McKenzie Co., Ltd.

Barley

Varieties
Recommended
for the West

O. A. C. No. 21

Six-rowed

3296—We believe this to be as fine a Barley as was ever offered to the agriculturists of the Canadian West. Originated, as its name indicates, at the Ontario Agricultural College, Guelph, Ont. Selected from a plot of about ten thousand plants in 1903, the stock was bred from a single plant. Certain *distinct* and *valuable* features characterised this plant resulting in its selection in the first instance, these by constant re-selection have been maintained and the stock we offer represents a type of six-rowed barley that cannot be *excelled*. It is *early*, kernels *plump*, straw good, and heads do not break off or shell so readily as some other varieties. A striking instance of this was brought to our attention recently. One of our customers grew O.A.C. No. 21 and Oderbrucker on his farm under similar conditions. While the crop was growing his opinion was that they would give practically the same returns; imagine his surprise, when, after threshing he found that O.A.C. 21 yielded 50 bushels per acre and Oderbrucker 20 bushels, caused by the tendency of the latter to break off at the head just as soon as it is ripe, and the same farmer had a similar experience with the same variety the year before. We introduced O.A.C. 21 in 1911 so it is "time tried" and has proved a *valuable* acquisition.

One bushel and under 10 bushels, **\$1.65** per bushel;
10 bushels or more **\$1.60** per bushel.

Mensury

Six-rowed

3262—Mensury has been a popular variety with us for years and we have always been very fortunate in having particularly *clean* and *well ripened* stocks to offer. This year we are glad to say that the stock we have to offer is quite up to our usual standard. Our stock is *clean*, has been well ripened, is of *good color* and a very even sample. The *vitality* is *100% germinating* in four days.

Mensury is so well known that we feel it is unnecessary to elaborate; the essential feature really is, what is the stock like. We say without hesitation that no matter what price you pay you cannot get better than we are offering.

Every kernel a live one, true to type, brimful of vitality.

1 bushel and under 10 bushels **\$1.70** per bushel.
10 bushels or more, **\$1.65** per bushel.

The O.A.C. Barley I am entirely satisfied with as I did not give it an extra choice piece of land and at seeding time being so dry it did not get a quick start. It turned out 50 bus. or a little over to the acre.

Nov. 15th.

JAMES McLEOD,
Swan River, Man.

The O.A.C. 21 Barley I got from you last Spring grew fine and was as nice a crop as I could wish for.

Oct. 17, 1916.

B. A. EINARSON,
Wynyard, Sask.

The Mensury Barley which I bought from you last season was very good seed and a great success. I had pretty nearly a hundred bushels from the four bushels which I planted.

Jan. 20, 1916.

ALBERT OLDROYD,
Canora, Sask.



O. A. C. No. 21

EVERY MAN who sells goods must be prepared to hear from nearly every buyer that his price is too high. But price does not mean anything—

only when quality is taken into consideration.

Minnesota No. 105

Six-rowed

3269—Introduced by the Minnesota State Experiment Station after several years effort to produce a Barley that would eclipse

all others in yield. Results after carefully conducted trials proved conclusively that "Minnesota 105" was a *distinct advance* and fully came up to anticipations in the matter of *yield*. It is a *heavy* and *consistent* cropper with an average extending over nine years of *53 bushels per acre*. Judging by the number of entries at the recent State Fair this variety is much *appreciated* by up-to-date farmers. The seed we offer was grown from seed supplied direct from the State Experiment Station. We *confidently* recommend it to our customers.

1 bushel **\$1.65** 10 bushels or more **\$1.60** per bushel.

Manchurian No. 871

Six-rowed

3268—After several years careful tests this variety has demonstrated its superiority in regard to *earliness*, *yield*, *strength* of straw, and *freedom from rust*. It ripens *very evenly* and can be harvested with less risk of waste by "shelling" than any other variety. It is a selection from Manchurian, made at the North Dakota Experimental Station. Grown from a single plant which showed characteristics of *extra earliness* and from the size of the head it was estimated that it would prove a heavier yielder than the type from which it was selected. Today it is one of the *most popular* varieties in North Dakota. The stock we offer was grown from seed supplied by the North Dakota Experimental Station.

1 bushel **\$1.65**, 10 bushels or more **\$1.60** per bushel.

White Hulless (Improved)

(Beardless)

Invaluable for the Stock Raiser

3263—This is *not* a malting variety. If you want an *excellent* barley for *feeding only* the Improved White Hulless fills the bill. We do not know of any other variety possessing such *high feeding properties*. It is a *very rapid maturing* sort usually ripening in about 68 days according to soil and local conditions. Excellent as a "catch crop" and in some districts is used extensively for this purpose. Weighs 60 lbs. per bushel.

\$3.40 per 100 lbs.

Canadian Oats

Canadian oats are known and appreciated the world over—in fact, it may be stated that Western Canada is the hub of the universe as far as grain growing is concerned.

Our seeds are good seeds and we want to tell you about them. Telling is Selling

McKENZIE'S PURE

CASH DEPOSIT In order to aid customers who are anxious to sow a large acreage, and who desire to protect their requirements early in the season, but find it inconvenient to provide sufficient cash to pay for same, we will accept orders for seed grain, grasses and clovers, accompanied with a cash deposit of 25% of the value of the order, the balance to be remitted when the purchaser orders the shipment to go forward. All seed so ordered is immediately reserved, and will be held until, but not later than, March 27th.

The Most Popular Oat In Western Canada

McKenzie's Special Strain American Banner

We believe Banner has done more to popularize Canadian grown oats, than all others combined. In Britain this variety has established itself in spite of the strong position held by many popular varieties, being known there as Canadian Banner.

In selecting seed oats it is not only necessary to get the variety that experience has proven itself best adapted, but it is just as important to get the best strain. McKenzie's Special Strain Banner has for years represented a very high standard in the development of this oat. We are proud of our reputation, which we jealously guard. In maintaining this standard, the old adage "eternal vigilance is the price of success" is very significant. Constant and repeated selection is necessary, beginning sometimes with a single plant. The result of this careful selection coupled with our highly improved cleaning facilities, enables us to offer to our customers, Banner Oats true to type, uniform in grain, perfectly clean, and of high vitality—we never had a finer stock than this year.

3212—Gold Standard.—Grown for us in Saskatchewan from hand selected seed. The finest strain of McKenzie's Special Banner being offered this season.

1 bus. and under 10 bus. \$1.25 per bus. 10 bus. or more, \$1.20 per bus.

3295—Gilt Edge.—Grown for us in Manitoba, plump, well developed seed of A1 purity and vitality. **1 bus. \$1.15. 10 bus. or more \$1.10.**

Seeger or Victory

3292—We have been paying very close attention to the record of this variety for the past few years, and are convinced that it has established itself as a permanent factor in Western Agriculture. We endorse our review of last year, viz., "Suited to prairie soils, elasticity of growing plant, heavy rains seldom break them, grain white, large and full, thin hulled, nearly beardless, very productive, ripens medium early." Last year our stock of this oat, after being threshed, did not come up to our standard, and we did not distribute, and unfortunately, many of our customers were disappointed.

This year we have the finest stock of Victory we have ever had, and we venture to say that they represent the best quality of seed oat of this variety available. They were grown for us in Alberta, are true to type, clean, well ripened, plump, and of high vitality.

1 bus. and under 10 bus. \$1.10 per bus., 10 bus. or more \$1.05 per bus.

Abundance (Regenerated)

3217—This Oat was first placed on the market in Great Britain in 1892, and possibly the best tribute to its worth is its continued popularity. It differs widely from Banner in many respects, and while not so universally grown, seems to do better in some districts. If you are not satisfied with the Oats you have been growing you will be well advised in giving Abundance a trial. The stock we offer this year has been well selected, perfectly free from Wild Oats, plump, well ripened, and of good vitality, and will satisfy the most exacting buyer.

1 bus. and under 10 bus. \$1.10 per bus., 10 bus. or more \$1.05 per bus.

The 60-day Oats I purchased of you last year made 65 bushels per acre of very fine quality grain, and hope the Banner will do as well for me this year.

JOHN W. BAKER,
Dwight, Illinois.
on farm D. B. Rose,
Apr. 17, 1916. Lowe Farm, Man.

I was very well satisfied with the Oats I got from you last spring. I sowed them on land that has had 7 crops taken off it. They turned out fine and yielded 65 bushels to the acre and all stood up good.

A. POLLARD,
Dec. 1st. Invermay, Sask.

You may be pleased to know that I had First for Victory Oats in standing crop competition, and Third for Mensury Barley at Seed Grain Fair last year from seed purchased from you a year ago.

(Sgd.) J. R. FOONE,
Mar. 28, 1916. West View Farm, Maryfield, Sask.

Newmarket

3214—This variety bears a striking resemblance to Abundance, and we doubt very much if there is any material difference between the two, although some of our customers maintain that they have experienced excellent results from Newmarket, when Abundance and other varieties have failed, in fact, to use their own language they "swear by Newmarket". To meet the requirements of such we can supply an excellent stock, A1 in every respect.

1 bus. and under 10 bus. \$1.10 per bus., 10 bus. or more \$1.05 per bus.

Gentlemen, We have used your garden seeds for the last six years with entire success. Last spring I sent for 10 bushels of your "Abundance" oats. I sowed on 7½ acres of summer fallow and threshed 600 bushels from them.

You will find herewith my order for this year's seeds

Feb. 7, 1916. W. J. HIDINGER,
Arday, Sask.



Prices on
Seed Grain, Grasses and
Clovers are subject to market fluctuations.

SEED OATS

Prices are f.o.b.
Brandon

REMEMBER

to allow for cotton bag (30c),
containing 2½ bushels when
mailing order.

Largest Shippers

We are said to be the
largest shippers in Canada of
seed oats, seed wheat,
seed barley, and seed rye
direct to the consumer.

CROP INSURANCE If you contemplate taking out a life insurance policy your thoughts naturally turn to that institution which is to suit your requirements. Think what a similarity there is between this and the purchase of Seed Grain. Everything depends upon your crop and the only way it is humanly possible to protect or insure it in the first instance is by procuring your Seed from a reputable Seed House. We have the stock—we have the quality—the prices are right. *Verbum sap.*

Registered American Banner

Not in any previous season have we been in a position to offer such abundance of "Registered" American Banner and Victory Oats, as this season.

Farmers are awakening to the importance of the oat crop and the impossibility of obtaining best results without giving attention to their "foundation seed."

It is because of this fact we are making a special feature of "Seed Oats" this year, including "Registered" American Banner and Seger or Victory.

It is now generally understood by farmers that any stocks which are offered as "Registered" are grown under the rules and regulations of the Canadian Seed Growers' Association. The object of this Association is to encourage the production and use of pure seed of high quality.

Both our Registered Banner and Victory were grown on well cultivated, clean, new, heavy, black loam. The fields at harvest, comprising nearly two hundred acres, were undoubtedly the finest in the whole of Canada.

The stocks herein offered are well-developed, true to type, color, stiff straw, giving every evidence of being robust and vigorous.

Both stocks have been carefully cleaned in the presence of a representative of the Canadian Seed Growers' Association and each bag containing 100 lbs. inspected and officially certified and sealed by him.

3213—American Banner, "Registered"—Per 100 lbs. **\$4.15.**

3219—Seger or Victory "Registered"—Per 100 lbs. **\$4.25.**

To the above price add 30c per 100 lbs. for cotton bags. Write for special prices on quantities of 1,000 lbs. or more.

Garton's 22

3293—In our review of this variety last year, we referred to our hesitancy in advising our customers to invest in much lauded so-called new "cross bred or hybrid varieties. We feel that good hard earned money has often been thrown away by paying fancy and sometimes fabulous prices, for what experience taught were worthless varieties.

It was only after exhaustive tests that we decided last season to include this variety in our catalog, and we are glad to say that the experience of customers justified our action. In some districts, particularly Southern Alberta, it has become very popular, and enormous crops have been produced. Accounted for no doubt by its drought-resisting qualities. The stock we offer was grown for us in Saskatchewan by a very careful grower, they were well harvested, threshed early and are in A1 condition in every respect.

1 bus. and under 10 bus. **\$1.05 per bus.**, 10 bus. or more **\$1.00 per bus.**

60-Day or July

3215—This Oat is in a class by itself and does not enter into competition with any other variety we offer any more than a thoroughbred racehorse would be compared to a Clydesdale. In our 1914 catalog, in reviewing this variety, we described it as a phenomenal Oat, and we were much surprised to receive an order from one of our customers for a number of bushels of "Phenomenal Oat." In point of fact, the name would not be a misnomer, on the other hand, we believe the phenomena is best conveyed by its title "60 day or July." In appearance the oat is disappointing, especially if one has been accustomed to handling the larger grained varieties like Abundance nevertheless, owing to its exceedingly thin hull, it gives a surprising yield of meal, altogether out of proportion to its apparent face value. This oat is specifically designed to supply useful feed during harvest, either threshed or in the sheaf, and further, owing to its phenomenally early ripening qualities (July), its use on weed infested land is highly recommended, particularly in facilitating the extinction of Wild Oats. Our strain of this variety is recognized as being the best in the country, and we invariably experience that the demand exceeds the supply. We therefore advise early ordering.

1 bus. and under 10 bus. **\$1.15 per bus.**, 10 bus. or more **\$1.10 per bus.**

In dealing with McKenzie's you are safe. If you have any doubt as to the best variety to sow, ask us, we will tell you frankly. Our aim is to serve you, and serve you to the best of our ability, we are here to stay and we want you to stay with us.

The market on bags is higher than it has been for many years. At the time of printing this Catalog the wholesale price is more by the 1,000 than we are charging.

Save Freight

Brandon offers distinct advantages as compared with Eastern points of shipment.

Freight rates are high enough without paying freight on longer haul. Act in your own interest.

Then, too, you are not charged with cartage on shipments from our warehouse to Railway as obtains in other Cities.

Also see page (one) of supplement re advantages on carload shipments.



R

We recommend farmers to sow Rye in 1917. It is a reliable cropper and yielder. Order early.

Y

We thought our sales of Rye in 1916 were phenomenal, but the record will be considerably outdistanced in 1917.

E

Seeding costs 90c per acre less than wheat

Spring Rye

There is an enormous demand

It is a notable fact that the Prairie Provinces are more or less similar in climate and character to the Northern countries of Europe which produce and consume a large proportion of Rye among other grains. It is therefore apparent that there must be a very large area in Canada that is very suitable for growing Rye.

The most profitable crop of many farmers in 1916 was their Rye crop. Their wheat was a failure—Rye rarely fails. The day this is written we paid one farmer \$2,828.58 for two cars of Spring Rye.

POINTERS ABOUT SPRING RYE.

1. The leading feature of this plant is its reliability to produce abundant hay crops.
2. Splendid for pasture.
3. Valuable grain crop.
4. Rich and nourishing to stock of all kinds.
5. Spring Rye will thrive on poor soil, and adapts itself to unfavorable climatic conditions.
6. Economical in price.

The present high price of Wheat suggests an opportune time for giving greater consideration to increased production of Rye and we strongly advocate more liberal sowings this season.

The current cost of seeding as compared with Wheat is decidedly in favor of Rye as the following calculation shows, viz:

The average seeding of Wheat, i.e., $1\frac{1}{4}$ bushels per acre at say \$2.50 per bush. will be \$3.15 per acre, while $1\frac{1}{4}$ bushels of Rye (a liberal quantity to sow) at \$1.80 per bush. will cost only \$2.25 per acre, thus effecting a saving of 90c. per acre, while the results based on experience of leading growers in different parts of the country cannot fail to be more profitable than growing Wheat at its present high figure. Possibly seeding $\frac{1}{4}$ bushel more per acre of both wheat and Rye might be desirable.

Rye may also be said to possess "three fold" advantages, i.e.,

1. Provides the earliest green pasturage.
2. Produces a sure abundant hay crop.
3. Yields a crop of grain second to none in the West.

The market for Rye is now established so there can be no anticipation of difficulty in marketing.

Being situated in the heart of the grain producing district we are in an exceptional position to supply stock of undoubted quality. Our stocks enable us to meet heavy demands. We handle Rye (both Spring and Winter) in carload, yes, train load quantities, in fact we are said to be the largest distributors of this grain in the West. Spring Rye can be sown in Early Spring immediately frost is out of the ground. It can also be plowed in as a fertilizer if desired. Ours is the true stock. **ORDER EARLY.**

3218— $\frac{1}{2}$ bush. 1 bush. 10 bush. or more at per bushel.
\$1.05 \$1.90 \$1.85

Winter Rye—Why It Should Be Grown

In spite of those who proclaim that there is seldom a failure in Wheat it is not infrequent to have barely sufficient to pay first cost of the crop. Winter Rye can be depended upon as a profitable crop.

Sown early in June a field of Winter Rye affords abundant Fall Pasturage and also the earliest green pasturage in the Spring. In addition will yield a heavy crop of grain.

Space at our disposal does not permit going fully into the origin or antecedents of this valuable fodder plant; in fact we hardly believe these particulars to be necessary. The chief concern of Western Agriculturists is that Winter Rye has "made good" and we confidently believe it has "come to stay" as one of the future staple crops to be grown in the West.

Under the heading of Spring Rye we have made comparison of the relative cost between Rye and Wheat and the same remarks apply substantially to Winter Rye—at any rate with present high prices ruling on Seed Wheat it seems a fitting opportunity to grow Rye this year. Once grown we are confident its use will be continued.

Nearly every Farmer who has grown Winter Rye has noted particularly that it is an excellent Weed killer therefore particularly valuable in eradicating Wild Oats.

We carry a large stock of excellent quality and in view of the much increased demand we strongly recommend orders being sent in as early as possible.

3219—Selected Recleaned Stock.
 $\frac{1}{2}$ bush. 1 bush. 10 bush. or more, per bush.
\$1.05 \$1.95 \$1.90.

Winter Rye—Pedigreed Strain

Our anticipation of 1916 proved correct and we experienced an exceptional demand for the "Pedigreed" Stock offered last season. It is hardly necessary to emphasize the fact that the yield from "Pedigreed" is greater on account of its higher bred qualities—this applies more or less to all Seed Grains—and the results are apparent during growth in the very strong stiff straw which stands up well. This strain produces longer heads than ordinary stock and the kernels are the largest and plumpest ever seen.

N.B.—All our Pedigreed Rye was grown from the same seed which won the World's Championship in 1913.

3220— $\frac{1}{2}$ bush. 1 bush. 10 bush. or more per bush.

\$1.10 \$2.05 \$2.00

Customers, please specify "Pedigreed" when ordering.

ADVANTAGES OF WINTER RYE.

1. Owing to its rapid and early growth it chokes out many weeds. Maturing early in July, makes it the most valuable of all grain crops for destruction of wild oats.
2. Summer fallow sown to Rye in August or early September is not subject to "Soil drifting" either in Fall, Winter or Spring—It succeeds well on light sandy soil.
3. Rye ripens much earlier than wheat—consequently is not subject to damage from early frosts.—It divides the work on the farm.
4. May be seeded as early as last week in June—or as late as last of September. The earlier it is sown the better the pasturage from August to November, makes early Spring pasture and still yields a good grain crop the following July.
5. Cut green makes excellent Fodder.

Add 30c for Cotton Bags Containing 2 Bushels.

Field Peas

Field peas have not been so popular a crop in the Canadian West as their merit and suitability deserve. This is not occasioned by any lack of adaptation in soil or climate. It follows principally from the dominant desire to grow wheat. Adaptation in soil and climate for the successful growth of Field Peas has been clearly shown by the very large yields obtained at the Experimental Stations at Brandon and elsewhere. Some of these yields have been phenomenal, exceeding 50 bushels per acre—20 to 25 bushels would be a fair average, and then be a very profitable crop for the Western Farmer. We are prepared to contract with farmers to grow peas for us. There is always a ready market for peas.

Pea Fed Hogs are the Standard of the World

and bring premium prices, even alongside of the Corn Fed Porker. Much of the success of the Canadian Stockmen has been augmented by the free use of peas in the diet. *There is no kind of live stock on the farm to which peas cannot be fed to advantage.* They make a good food for milch cows, swine, ewes, lambs, horses, sheep, and for fattening cattle they have a high value. Nearly all kinds of stock prefer pea straw when it is properly cured to either wheat, barley, rye and even oat straw.

In past seasons we have strongly advocated the freer use of Field Peas, and would here reiterate our previous recommendations, feeling confident a more general use will result when their value is better appreciated.

Sown with a small quantity of oats they stand up well and can be cut with the binder. About 2½ bushels per acre is recommended and they should be sown early (as early as wheat) and deep. This is important.

	Postpaid					
	1 lb.	5 lbs.	15 lbs.	½ bus.	1 bus.	10 or more per bus.
3225—GOLDEN VINE, small, but very productive.....	.30	.80	1.05	1.85	3.55	3.50
3226—CANADIAN FIELD, good for general use.....	.30	.80	1.05	1.95	3.75	3.70
3227—CANADIAN BEAUTY—an excellent pea, large and very productive.....	.30	.80	1.10	2.00	3.85	3.80
3229—PRUSSIAN BLUE, used for cooking when ripe, long straw, big cropper, an excellent pea.....	.30	.85	1.15	2.05	3.95	3.90
1018—BLACK EYE MARROWFAT, strong grower of A1 quality.....	.30	.80	1.10	2.00	3.85	3.80
1019—WHITE EYE MARROWFAT, similar in growth to Blackeye.....	.30	.80	1.10	2.00	3.85	3.80

Speltz

3209—The most striking characteristic of this plant is its drought resistant qualities and its immense yields are astonishingly large. The feeding value of Speltz is of the very highest. It has been grown in the United States and Canada for several years.

Speltz is an Agricultural wonder in many ways. It resists drought; it thrives on poor lands; it grows on stony lands; it flourishes in forest regions; it is exceedingly productive on our prairie lands; it makes a crop under almost any condition of soil; never fails to produce a harvest under any growing climate; endures extremes of frost; withstands heavy rains; resists high winds; is not susceptible to rust; is not inclined to smut; yields more than Oats, Wheat or Barley; is the equal of any grain for feed; the straw is highly relished by stock, much more than any other straw stubble; is an excellent fertilizer and it ripens very early; its increasing popularity and present great prominence ensures it a standing as a leading and standard cereal. It is eaten with relish by all kinds of stock.

1 lb. 5 lbs. postpaid 50 lbs. 100 lbs.
25c 70c \$1.50 \$2.80

Spring Tares (Vetches)

3285—This is one of the most promising of all the leguminous plants. Rapidity in growth and extreme hardiness render it peculiarly suitable for our cool climate. As a fodder plant it provides abundant nourishment, and can be cured or made into ensilage. For building up soils Vetches are invaluable, gathering up nitrogen from the air and supplying to worn out or impoverished soils just the necessary stimulant so greatly needed. If sown alone sow about 2½ bushels of seed to the acre. May be sown with ½ bushel of Oats which should assist in holding up the crop and making it easier to handle at harvesting.

1 lb. 5 lbs. postpaid peck ½ bus. 1 bus.
30c \$1.10 \$1.45 \$2.75 \$5.35

Winter Vetch

(Also called Sand or Hairy Vetch)

3286—A valuable forage plant of particularly hardy constitution. An excellent winter cover crop which is rapidly gaining in popularity. Yields ten to eighteen tons of green fodder per acre.

1 lb. 5 lbs. postpaid peck ½ bus. 1 bus.
40c \$1.65 \$3.15 \$6.15 \$12.00

Buckwheat

3210—Japanese. Now being extensively grown by many of the most successful farmers in the West. It is early and very productive. The rich dark brown kernels are larger than the Silver Hulled. Buckwheat is coming into considerable prominence as a cleaning crop. It makes excellent feed for cattle and hogs.

1 lb. 5 lbs. postpaid peck ½ bus. 1 bus.
25c 95c 80c \$1.45 \$2.75

3211—Silver Hulled. A great improvement over the original sort. It is early, yields nearly double the quantity per acre and remains longer in bloom than other sorts. Buckwheat sown along with Timothy and Clover is an adaptable plan.

1 lb. 5 lbs. postpaid peck ½ bus. 1 bus.
25c 90c 75c \$1.35 \$2.50

I wish to inform you that I got the first prize at the Bassano Irrigation Convention for a collection of Vegetables grown from your seeds. The Minister of Agriculture from British Columbia complimented me highly on the quality of the exhibit.

JOHN HAMILTON,

Dec. 16th.

Coaldale, Alta.



Field Peas

Photographed by A. E. McKenzie Co., Ltd.



Head of Speltz

If interested in growing peas on contract, write us.

Photographed by A. E. McKenzie Co., Ltd.

SEED

A Few Facts about Corn

Our message to farmers in our 1916 catalog appealed strongly for "another chance" for King Corn, we thought it necessary to do so in view of the disappointment experienced by many who tried out this crop for the first time in 1915, which it will be remembered was a most unfavorable year for Corn.

We ourselves had absolute faith in Corn and had a larger area planted for seed in 1916 than ever before. Our optimism has been amply justified; we have a splendid crop.

In conversation recently with one of our corn customers he claimed that his corn crop in 1916 was the best he ever had and in his opinion the most profitable on the farm, based on direct results and taking no account of the cumulative profit in the added fertility of the soil and consequent value to successive crops.

We anticipate a boom in Corn in 1917 and in these days of uncertainty we are particularly gratified at being in a position to say that so far as choice seed is concerned "we are ready."

Our Specialties in Corn

We are not introducing any new varieties this year for the reason that we have not seen anything to excel the varieties we now offer.

Our introductions of last year, *Earliest Yellow Dent*, *Earliest White Dent*, *Quebec 28 Yellow Flint* have justified the high opinion we formed regarding them, and a bountiful crop of well selected seed enables us to offer at extremely reasonable prices.

Our corn, each and every variety, has been most rigidly selected with a view to not only maintain these salient features which place McKenzie's Seed Corn in the front rank, but also to develop and improve so that to-day we offer stocks which for *adaptability, vigor, earliness, and productivity* are unexcelled.

During the past summer Mr. H. Howard Biggar, Scientific Assistant Corn Investigations, United States Department of Agriculture, Washington, visited Brandon and so much impressed was he with *McKenzie's Earliest Yellow*, and *McKenzie's Earliest White Dent* that he ordered a quantity of each of these varieties.

90c Seeds an Acre of Corn

Increase your area of Corn in 1917

The limitations of space prevent us elaborating as fully as we would like in preaching this gospel of "More Corn."

The enormous tonnage, the exceptionally high feeding value, coupled with the restorative effects on the land, and the low cost of seeding are factors in favor of planting corn, which necessarily appeals to every intelligent farmer.

10 lbs will sow an acre in hills, and 20 lbs. in drills. Based on an average price of \$2.50 per bushel this costs 45c and 90c respectively per acre. This beats any investment you can make.

Acreage under Corn

Statistics for 1916 give the undernoted areas under corn:

Ontario.....	418,000 acres.
Manitoba.....	14,000 acres.
Saskatchewan.....	1,800 acres.
Alberta.....	1,000 acres.
British Columbia.....	450 acres.

The above figures constitute an eloquent plea for an increased acreage of Corn in the four Western Provinces.

Corn on Light Sandy Land

It may be interesting to farmers who have a sandy patch on the farm, liable to "blow" after seeding, to know that good crops of Corn may be taken off such and further the Corn stubble effectively prevents blowing the following Spring. Wheat may be sown without even disking simply using a double Disc Drill and harrowing in with a light harrow. A field in Brandon district treated in this manner yielded 28 bushels of wheat per acre.

Prices are f.o.b. Brandon, except where otherwise noted

Quebec 28 Yellow Flint

CORN

Northwestern Dent

The dependable and ever popular variety

Introduced twenty-two years ago; has not been superseded. When first placed on the market it was thought that the dark red kernels would constitute a handicap and militate against its success, but by sheer force of merit it has pushed to the front, and for twenty-two years has maintained its place in the front rank. The stocks we offer to-day are vastly superior in many respects while retaining the salient features which first brought this variety into prominence. Grown under the most exacting conditions, bred and selected with a view to maintaining its earliness, hardness and suitability for the Canadian West, and at the same time improve the fodder and cobbing qualities. Our selected strains grow from 6 to 7 feet high; the ears are about 9 inches long, produced from 24 to 30 inches from the ground.

We are offering two stocks this year, Gold Standard, and Gilt Edge—the former was grown farthest North and is a trifle earlier, and consequently we recommend it to those who desire ripened corn as well as succulent fodder.

3300—Gold Standard—	1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more
	30c	80c	70c	\$1.35	\$2.35	\$2.30
3301—Gilt Edge—	1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more
	30c	80c	70c	\$1.25	\$2.30	\$2.25

McKenzie's Earliest Yellow Dent

3302—We introduced this variety for the first time last season, and its record amply justifies its inclusion. The limited quantity available necessitated charging rather a high price and consequently it was distributed in small quantities. This year a bountiful crop enables us to offer at a most reasonable figure, which will permit its more general use, and we shall be much disappointed if this does not soon become one of the most popular varieties in the West.

It is a pure yellow dent with a red cob. The stalks grow about seven feet high, the ears six to eight inches long and are produced two and one-half to three feet from the ground. The feature which distinguishes it from all other early varieties is the depth of the kernel, being deeper than any other early variety. This means that while the ears are smaller than Northwestern Dent it shells at least 10% more.

1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more, per bus.
35c	80c	75c	\$1.35	\$2.50	\$2.45

McKenzie's Earliest White Dent

3203—This is practically the counterpart of our Earliest Yellow Dent, except that it is a pure white variety, and our experience with it is quite as satisfactory. There are many who have a distinct preference for white corn. We believe McKenzie's White Dent will fulfil every expectation. It grows to the same height, carries the same size ear and the same depth of kernel as McKenzie's Earliest Yellow. We recommend it with every confidence.

1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more, per bus.
35c	80c	75c	\$1.35	\$2.50	\$2.45

Minnesota No. 13 Yellow Dent

3224—This is an extremely handsome Yellow Dent variety, which as its name suggests, was raised at the Minnesota Experimental Station, from which source so many excellent productions have emanated. In Minnesota and North Dakota it is running Northwestern Dent very closely and in popularity is undoubtedly a very good second. It is not quite so early as the Northwestern Dent, but produces *rather more fodder*, and for this reason is preferred by some growers especially for *Silo purposes*. *Dent varieties are best for the Silo as they are not so liable to become sour.*

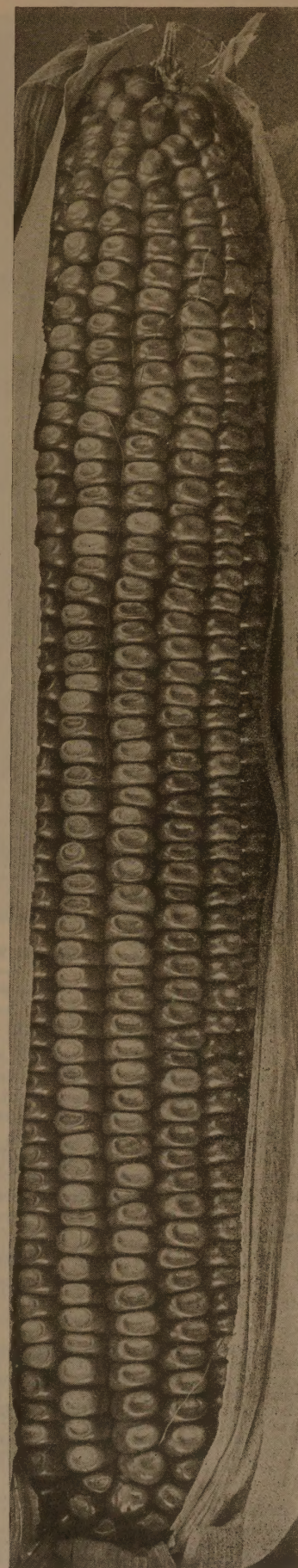
1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more, per bus.
30c	80c	70c	\$1.30	\$2.35	\$2.30

Improved Leaming Yellow Dent

3304—We specially recommend this variety for ensilage purposes, or for cutting for green fodder in the latter part of summer. It *undoubtedly produces abundant, leafy, succulent fodder*. In a normal season it will reach a height of from 12 to 16 feet giving an enormous tonnage per acre. For the Silo we recommend its being used in combination with such varieties as our Northwestern Dent, Quebec Yellow, McKenzie's Earliest Yellow Dent or McKenzie's White Dent.

1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more, per bus.
25c	65c	60c	\$1.00	\$1.80	\$1.75

When sending order do not omit 30c each for bags



Northwestern Dent

Photographed
by A. E.
McKenzie
Co. Ltd.



McKenzie's Earliest Yellow Dent See Page 53.

CORN The King of Fodder Plants

Quebec 28 Yellow Flint

A Canadian Bred variety

3305—This is one of the *earliest* maturing Flint corns. It has been bred and selected for the purpose of adaptation to *short seasons* such as we experience in the West. In comparative tests carefully conducted it proved to be *ten days earlier* than Longfellow. It produces *better quality ears and fodder* than any other *early* variety. For Silo purposes it is admirably adapted for using in combination with Improved Leaming, which gives the dual advantage of matured corn and succulent fodder. The first prize cobs in the province of Saskatchewan were of this variety. We quote from the C.S.G. Association's 1915 Annual Report: "This new variety, which Prof. Klinck has named No. 28 is a selected strain out of the old Quebec Yellow. After a careful test for some years alongside of other strains from the same variety, this strain was chosen as the most suitable for the purpose Prof. Klinck had in mind, namely, to produce a strain of flint corn that would combine the quality of high yield of grain with early maturity." (Stock limited).

1 lb.	5 lbs. postpaid	1 peck	1/2 bush.	1 bush.
50c	\$1.35c	\$1.40	\$2.60	\$5.00

REGISTERED STOCK grown under the Canadian Seed Growers' Association Rules. Price on Application.

North Dakota White Flint

3222—North Dakota White possesses features of *remarkable hardiness*, in fact, we believe it will stand more hardship of extreme heat and cold than any other variety, and for this reason will no doubt retain its place among corn growers of the Northwest for many years to come. It usually attains a height of from 5 to 6 feet, the ears being borne 3 feet from the ground. It is *very early* and can be depended upon to mature medium sized ears in a normal season.

1 lb.	30c	5 lbs. 80c postpaid	1 peck 70c	1/2 bus.
\$1.25	1 bus. \$2.30	10 bus. or more, per bus.	\$2.25.	

Longfellow Yellow Flint

3221—This variety undoubtedly still retains a premier position among yellow flints for the West. In comparative tests with many others its record is good. It is very popular with dairymen and stockmen, provides abundance of appetizing and nutritious fodder, and even if cut down by frost in its early stages it will come away again and give surprising results.

It is an *eight-rowed variety* with *large well-shaped ears*, averaging 9 inches long, produced about 3 feet from the ground. The stalk is very leafy and succulent and grows to a height of 7 feet.

1 lb.	5 lbs. postpaid	1 peck	1/2 bus.	1 bus.	10 bus. or more, per bus.
30c	80c	70c	\$1.25	\$2.30	\$2.25

Low Cost of Seeding

The price of Corn at first glance may appear high, but as only 10 lbs. sown in hills and 20 lbs. in drills, per acre is required, it really constitutes a cheap seeding, and costs compare favorably with wheat or oats.

ONE WHO KNOWS

The Northwestern Dent Corn that I received from you was planted about June 10th with a grain drill in rows 3 1/2 feet apart and on summer fallow ground. It was cut on Sept. 13th. I would estimate the yield at about 3 tons of dry fodder to the acre. I will try a few acres another year AS I THINK A FEW ACRES ARE A PAYING PROPOSITION.

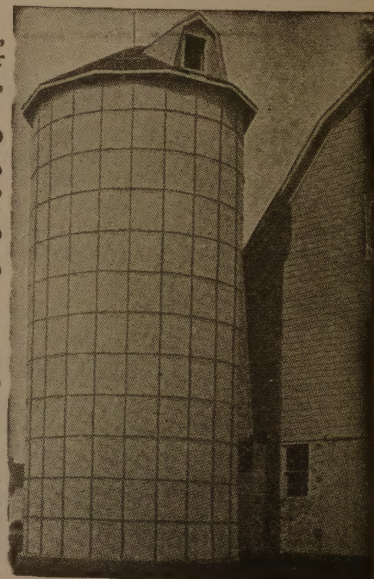
Oct. 13, 1916.

V. C. THOMAS,

Milestone, Sask.

The Silo

That the Silo will eventually be considered a *sine qua non* in the West is becoming more apparent every year, and we predict the day is not far distant when every farmer will use this valuable adjunct to successful agriculture. In Eastern points no farm is considered complete without a Silo.



About our Prize Offer

In order to stimulate and enhance Corn growing in the West, we offered three cash prizes of \$10.00 each for the best eight ears of Field Corn grown in Manitoba, Saskatchewan and Alberta in 1916. Our object in offering these prizes was to encourage an intelligent effort to produce matured cobs. We are pleased to state our offer was an unqualified success, and we sincerely hope results will be far-reaching and beneficial.

We append letter of successful competitor in Saskatchewan who sent excellent cobs of Quebec 28 Yellow Flint:

Dear Sirs,

I am forwarding by mail, eight ears of corn to be entered in your prize competition for field corn. The variety of this corn is Quebec 28 Yellow Flint. It was planted about the first of June, and gathered on the 15th of September. I like this variety of corn and it seems to do well. This corn seems to be a very satisfactory variety as it is good for fodder and house use too.

Wishing your business every success, I remain,

Yours truly,

R. D. DEYELL,

Alameda, Sask.
27 Sept., 1916.

The successful competitor in Manitoba was Mr. James H. Amy, Darlingford, to both of whom we have mailed our cheques for \$10.00 each.

MILLET A Grand Forage Plant

Very Tender, Highly Relished by All Kinds of Stock

The interest created in recent years and the *large and rapidly increasing demand for Millet Seed* is evidence of the very large acreage annually being sown throughout the Canadian West.

Millet is well adapted to the soils of the Canadian West and is a rapid, vigorous grower. Producing as it does an *abundance of leafy and luxurious growth*, it is unexcelled as a catch crop to make up for any deficiencies that might possibly occur in the hay yields.

While grasses grow luxuriantly they nevertheless lack precisely that value in the sustenance of stock that only seed-bearing annual fodders like Millets can supply. *Millets are very tender and highly relished by stock* and those who farm intelligently can ill afford to omit growing them. They do best on moist soil, summer fallow and spring plowing. 20 to 30 lbs. sow an acre. A good average quantity, if sown by drill, 25 lbs; if sown broadcast, use fully 30 lbs. May be sown any time from third week in May up to 1st July. Yield averages four to six tons per acre.

Desirous of encouraging agriculturists on the advantages and possibilities of millets; we publish a small book free to customers, on the culture, harvesting and usages of the millet crop and in addition give a description of every variety which can be grown to advantage in our cool climate.

Common

3232—Common Millet is exceptionally sweet and palatable and yields enormous crops of hay—from 4 to 5 tons per acre. It thrives on almost any soil, attains the height of four to five feet and will produce on an average 60 to 80 bushels of first-class seed per acre. All farmers should reserve a few acres for this millet as a safeguard against total or partial failure of the hay crop. All kinds of stock readily relish and eat ravenously of this grass, and the richness of the flavor makes it a most desirable sort for dairymen to grow.

1 lb. 25c, postpaid, 25 lbs. \$1.65, 50 lbs. \$3.00, 100 lbs. \$5.75.

German

3231—This is one of the earliest of the Foxtail Millets which reproduces itself freely from seed and at the same time retains character of growth and uniformity of type but as it bears so close a resemblance to the Common it is immaterial to the grower whether he sows this or Common. 1 lb. 25c, postpaid, 25 lbs. \$1.65, 50 lbs. \$3.00, 100 lbs. \$5.75.

Japanese

3233—Frequently referred to as the "Billion Dollar Grass" and "Barnyard Millet." Stands before all other varieties of Millet on account of its *enormous yields of Hay* which probably explains it being christened the Billion Dollar Grass." Strange to say it has not received as much attention as Hungarian or Common. It is very difficult to obtain this variety entirely free from Buckthorn.

1 lb. 30c, postpaid, 25 lbs. \$2.25, 50 lbs. \$4.25, 100 lbs. \$8.00.

It has been called "The Wonder Crop" in the United States where it has reclaimed more land than any other single crop. While Sudan Grass will grow on almost any soil, it is *specially adapted to arid and semi-arid districts.*

It grows to a height of four to six feet and will make a greater yield of forage *under adverse conditions* than anything else we know. Climatic conditions seem to have very little effect upon it.

Stock all of kinds eat it readily. No harmful effects follow feeding it to working stock. The food value is second only to Alfalfa. Sow after all danger of frost is past. It is a seed-bearing plant of the Millet type. For a hay crop, sow broadcast at rate of 20 pounds per acre. A rather firm seed bed is best. The ground should be well prepared.

Per lb. 55c, 5 lbs. \$1.95, Postpaid. 25 lbs. \$6.75, 50 lbs. \$13.00, 100 lbs. \$25.00.

Siberian

3234—A native of Russia which came into popular favor in this country very quickly after its introduction a few years ago. Extremely hardy—very heavy yielder and is generally considered a good sort.

1 lb. 25c, postpaid, 25 lbs. \$1.65, 50 lbs. \$3.00, 100 lbs. \$5.75.

Hog

3235—Known also under the name of Broom Corn Millet. Grown particularly for Hog feed and is also in great demand by poultry farmers. Although the Hay will make good green fodder it is inferior to other Millets for this purpose. The kernels are larger than the seed of other Millets.

1 lb. 25c, postpaid, 25 lbs. \$1.60, 50 lbs. \$2.90, 100 lbs. \$5.50.

Hungarian

3230—As the name implies this variety is a native of Hungary. We regret, owing to crop failure, being unable to offer this season.

SUDAN GRASS

3280—In order to maintain our reputation as the *pioneer distributors* in the West, we introduced this valuable fodder plant to the Prairie Provinces two or three seasons ago. It has amply justified the claims we made at that time. Decidedly a *valuable addition* to the forage plant section.

Photographed
by A. E.
McKenzie
Co., Ltd



Bags containing Grain, Grasses and Clovers 30c. each.

Prices are f.o.b. Brandon unless otherwise stated.

GRASS AND CLOVER SEED MIXTURES.

Our experience and exceptional facilities for the mixing and preparation of suitable mixtures of Grasses and Clovers for special purposes are unique and we offer our complete service in this connection to all customers interested. We will at all times gladly quote prices or advise as to the most suitable and economical methods calculated to obtain the best results.

We recognize that laying down land to permanent pasture and alternate husbandry is in its infancy in Western Canada and we shall feel a personal interest in supplying the most profitable combination of Seeds that can be sown. ASK US.

OUR IDEAL

To do the right thing, at the right time, in the right way; to do some things better than they were ever done before; to eliminate errors; to know both sides of the question; to be courteous; to be an example; to work for love of the work; to anticipate requirements; to develop resources; to recognize no impediments; to master circumstances; to act from reason rather than rule; to be satisfied with nothing short of perfection.

Our Booklet "Millets and why they should be grown," is free to customers.



THREE POPULAR GRASSES FOR THE WEST

Brome (Bromus inermis)**Western Rye** (Agropyrum ten-erum)**Frost Resisting****Drought Defying****Easily Sown****Easily Grown****Easily Mown**

Pre-eminently the Grass of the Canadian West.

Probably the most valuable and most generally used in the Canadian West where it seems to be particularly adapted to. Ever since its introduction into Canada about 20 years ago the demand has steadily increased and to-day it is considered to be the leading Grass. The reasons for this are readily explained by

- (1) Its ability to withstand sudden climatic changes.
- (2) Its phenomenal drought-resisting qualities.
- (3) In dry summers it produces more green food than any other Grass.
- (4) Will thrive on loose and poor land.
- (5) Especially valuable for seeding down light soil in this Western Country which is subject to "blow."
- (6) Flourishes under absolute neglect.
- (7) It is considered the best grass for pasturage purposes and is better adapted as a pasture grass than for hay.

Its further usefulness is fully demonstrated by its adaptability to any soil, and its indifference to the tramping of cattle makes it especially important in sandy and gravelly pastures.

Fourteen pounds is the quantity recommended per acre when sown alone for pasture; or seven and a half pounds each per acre Brome and Western Rye will make a fine mixture for pasture or hay. May be sown any time up to 1st September if there is sufficient moisture and the ground is in shape.

(Postpaid)

	1 lb.	25 lbs.	50 lbs.	100 lbs.
3247—Gold Standard.....	35c	\$4.35	\$8.25	\$16.00
3248—Gilt Edge.....		\$4.00	\$7.65	\$14.75

A native of Manitoba, originating some 20 years ago near Virden, from a few handfuls of seed. Has many advantages over other grasses. It thrives anywhere and everywhere, requiring little, if any, care.

There are many farmers who would not be without from 25 to 75 acres and its cultivation is becoming more general every year.

Western Rye grass is least affected of any grass when grown on alkali soil.

It is valued most for its abundance of nutritious hay. Should be sown 15 pounds to the acre.

Although it affords excellent pasturage sown alone, for permanent pasture it is by all means preferable that it be sown with Brome, about 7 1/2 pounds to the acre.

Fifteen pounds sown with 2 pounds of Alsike and 2 1/2 pounds of Red Top a particularly fine permanent pasture can be established.

Many farmers desire or prefer to secure a grain crop the season the grass is sown; for this reason they sow with a nurse crop of grain; while not desirable it can be and is done, with considerable success. Western Rye sown alone continues for years to yield greater, than when sown with a nurse crop.

The light chaff-like seed is extremely difficult to clean. Having the finest equipment and most improved machinery enables us to make our stocks the finest and purest in the West; free from noxious weeds and of highest germination.

(Postpaid)

	1 lb.	25 lbs.	50 lbs.	100 lbs.
3245—Gold Standard.....	30c	\$3.60	\$6.75	\$13.00
3246—Gilt Edge.....		\$3.25	\$6.15	\$11.75

Timothy (Phleum pratense)

Conceded to be one of the most valuable grasses which is increasing in popularity. Of great nutritive value, very productive, and considered the cheapest grass to sow. The seeds being very small and produced in great abundance its cost is so economical that every farmer should grow it. It contains much nutriment and animals have a particular fondness for it. It is a perennial and perfectly hardy throughout Western Canada. Grows in stools, never forms a compact sod. It attains perfection on rich clay and loam, in fact is better adapted to heavy than sandy soils; to moist, than dry localities.

Timothy withstands extremes of cold better than any grass. It is not recommended for permanent pasturage owing to its tendency to run out in a few years.

Succeeds equally well with or without a nurse crop of grain. Six pounds sow an acre. Sown alone, or with Red Clover, Timothy produces an exceptionally fine quality of hay, and for this purpose is extensively sown, although other grasses, particularly Brome, make better pasture.

Our stocks are exceptionally choice, plump, clean and high germination.

	1 lb.	25 lbs.	50 lbs.	100 lbs.
3243—Gold Standard,	35c postpaid,	25 lbs. \$2.85	50 lbs. \$5.25	100 lbs. \$10.00
3244—Gilt Edge,	1 lb. postpaid,	25 lbs. 2.35	50 lbs. 4.75	100 lbs. 9.00

Prices on this page f.o.b. Brandon, except quantities listed postpaid.



The Timothy Seed I purchased from you has given me the best of satisfaction.—Jas. A. Cook, Buffalo Plains, Sask.

Recleaned Grasses suitable for the West

THE INESTIMABLE VALUE of Grasses for pasturage and hay crops is so generally known that anything we might add would hardly emphasize their great utility for feeding purposes. It is, however, of the utmost importance that Grass Seeds of the finest possible quality only be used. They cost practically the same as seeds of doubtful germination and uncleaned samples, while the results are vastly different

Kentucky Blue (*Poa pratensis*)

It makes the sweetest and most nutritious pasture for all kinds of stock. The creeping underground stems enable it to withstand great drought and it is therefore of considerable value for growing in light, dry and sandy soils. Particularly adapted to Western Canada, and to establish pastures of the greenest verdure that will give highly profitable returns. As the seed is very slow to germinate Blue Grass does not get well started until the second year. Once started, however, it amply offsets its apparent dormancy. The roots are so thick and stout that the tough sod thus formed makes an almost everlasting sward that permits of very heavy pasturing. Its feeding value is exceptionally high, as it makes one of the best pastures or hay crops that can be grown. This valuable grass should never be omitted from any Pasture Mixture. For lawns (without other grasses), it produces a most beautiful, thick, velvety carpet-like sward.

3249—Gold Standard—1 lb. postpd. 25 lbs. 50 lbs. 100 lbs.
45c \$6.15 \$11.75 \$23.00

Canadian Blue (*Poa compressa*)

3251—Very similar to Kentucky Blue but is slightly coarser, and stem is more flat. Its chief value is in mixtures with other grasses. It is very hardy, nutritious and tufty, and much used in permanent pasture mixtures. Makes an exceptionally fine hay—greatly relished by stock of all kinds, very sweet and palatable.

It has a very heavy root system and will thrive and produce luxuriant growth on hard clay soils. Grows about two feet high. As with Kentucky Blue, once established it starts up in the early spring and remains green until freeze up.

The quality of our Canadian Blue is the highest and will please the most exacting.

Gold Standard—1 lb. postpd. 25 lbs. 50 lbs. 100 lbs.
35c \$4.35 \$8.25 \$16.00

Red Top (*Agrostis vulgaris*)

3252—This is especially valuable sown as a mixture with Timothy, Brome, Western Rye or Clovers, as it is of a more permanent nature than other grasses. Should be fed close as cattle relish it more as a pasture than hay. It is very robust growing and establishes a protection growth for other grasses.

Grows most luxuriantly on moist, rich soils. It will produce a fall crop on coarse gravelly land and has succeeded on alkali land upon which other grasses have failed.

Gold Standard—1 lb. postpd. 25 lbs. 50 lbs. 100 lbs.
50c \$5.40 \$10.25 \$20.00

Wood Meadow

(*Poa nemoralis*)

3240—Starts into growth early in the spring, the sward maintaining its green appearance until late in the year. Of dwarf and very fine growth it forms one of the principal grasses in mixtures for shady spots, pleasure grounds, or lawns.

Gold Standard—1 lb. postpaid 55c
25 lbs. 50 lbs. 100 lbs.
\$10.40 \$20.25 \$40.00

McKenzie's "O.K." Pasture Grass

3236—This specially prepared mixture is the outcome of many years practical observation and will bring quick and certain results. It is composed of the most nutritive and productive species of Grasses suitable for laying down land to permanent grass and the quantity of each species is carefully regulated with the object of forming pastures that will yield in the shortest time after being laid down (and without any subsequent deterioration) the heaviest crops during the whole of each growing season. It thrives under the most severe climatic conditions and will withstand the ravages of both weather and stock. This mixture makes a crop of hay that is hard to excel.

1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
40c \$4.65 \$8.75 \$17.00

Crested Dogtail (*Cynosurus cristatus*)

3241—A very useful grass for sheep pastures and lawns as it makes close, compact and fine growth. The value of this species is greatest at the time of flowering. If left until the seeds ripen the stems lose the whole of their nutritive value and are then not so palatable for stock. Thrives well on practically any soil.

Gold Standard—1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
45c \$7.50 \$14.75 \$29.00

Hard Fescue (*Festuca duriuscula*)

3238—Adapted to a great variety of soils but is most prevalent in those that are light and sandy. It possesses the quality of withstanding, in an exceptional degree, drought in summer and severe cold in winter. When blended with other grasses assists materially in the making of a very close turf.

Gold Standard—1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
45c \$7.10 \$13.75 \$27.00

Sheeps Fescue (*Festuca ovina*)

3239—Being so similar in many respects to Hard Fescue this grass is used for the same purpose. An excellent variety for poor sandy soils. It is of very fine foliage and densely tufted, making it well suited for lawns. Endures extremes of heat and cold and for this reason its cultivation in the Canadian West is annually increasing.

Gold Standard—1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
45c \$7.10 \$13.75 \$27.00

Meadow Fescue or English Blue

(*Festuca pratensis*)

3242—Specially recommended for permanent pasture. It makes excellent hay the leaves or herbage being succulent and tender. One of the most valuable grasses either for mowing or pasture, as it is very productive and the fodder good. Roots penetrate deeply. It withstands freezing very effectively.

Gold Standard—1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
40c \$5.40 \$10.25 \$20.00

Orchard or Cocksfoot (*Dactylis glomerata*)

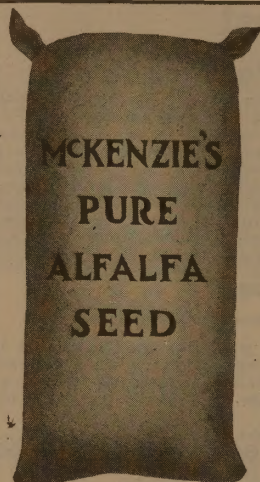
3237—It is a very common species growing in almost all soils. Though it looks coarse, it is one of the earliest, most productive, nutritious, and valuable of the cultivated grasses and it comes quickly to perfection. As its roots penetrate to considerable depth it withstands drought better than most other grasses, on light dry soils.

Gold Standard—1 lb. postpaid 25 lbs. 50 lbs. 100 lbs.
45c \$7.85 \$15.25 \$30.00

OUR SEED CLEANING MACHINERY

and the general equipment of our warehouses are without doubt the most modern, complete and unexcelled in Canada. It is absolutely impossible for any Seedman to handle and distribute Grass Seeds, without having suitably designed machinery. We are in the finest position in the country to-day for offering PURE GRASS SEEDS from which all noxious weeds have been extracted.





Grow Alfalfa

THE GREATEST OF ALL FORAGE PLANTS

THIS
YEAR

One hears and reads a great deal now-a-days about *scientific farming*. Briefly it means growing crops in such a way that the soil does not become impoverished, but rather increases in fertility.

Much that has been said and written concerning the merit of Alfalfa to restore fertility to the soil must not be considered too seriously by practical agriculturists as a great deal of the information emanates from enthusiasts, who are perhaps apt to overestimate. As Seedsmen, however, we have studied this subject closely for a number of years and we are pleased to state that *Alfalfa takes first position for putting back nitrogen into the soil*.

In our western country where grain crops prevail and take nitrogen from the soil in large quantities Alfalfa is invaluable. Alfalfa should have a place on every farm. An admirable plan is to increase the acreage year by year as the soil is prepared for it by the introduction of its own bacteria.

Alfalfa can be sown successfully by hand, but in recent years the *Wheelbarrow Seeder* (see page 88) has come into almost general use, and we recommend it.

In the past there has been a diversity of opinion in the matter of seeding, and reports vary in quantity from seven to thirty pounds per acre. The general trend is toward light seeding, and ten pounds per acre of strong growing seed is now generally accepted as the proper quantity.

Turkestan

This variety has been *grown successfully* for several years in the West and the fact that it emanates from the *high altitude* of *Turkestan* where adverse climate prevails and severe soil conditions exist, is perhaps the best explanation why it succeeds so well in the Canadian West.

Its *strong robust habit of growth* combined with its *hardiness* entitle this variety to a leading place and many of the largest and most experienced growers in the West, where it has been used extensively, prefer it to any other.

We consider it is one of the best varieties that has ever been grown in Western Canada. Our stock is exceptionally choice—guaranteed "*Genuine Turkestan Grown*"—free from Dodder, Yellow Trefoil and other admixture.

3255—Gold Standard—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
45c	\$7.35	\$14.25	\$28.00

Alfalfa Stock "A"

(*Medicago sativa*)

This is our general stock of choice *Alfalfa*. Next to *Turkestan* we sell more of it than any other variety. There are two outstanding, essential features necessary for success in the growing of *Alfalfa* in this Western Country, viz., *Hardy constitution* and ability to *withstand extreme drought* and sudden climatic changes. The seed we offer, being grown year after year in a semi-arid section, without irrigation by a process of natural selection, and acclimatization, develops these qualities which spell success. It belongs to the blue flowered type, a larger growing plant than *Grimms*, or any of the variegated types, and as a consequence, will produce a heavier tonnage per acre. The seed is *beautifully clean*, 100% pure, 98% vitality, *plump and bright*, we recommend with the utmost confidence.

3253—Gold Standard—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
45c	\$6.15	\$11.75	\$23.00

We dislike the overworked phrase, but so far as *Alfalfa Seed* for the west is concerned, we are "HEADQUARTERS"

Alfalfa Dakota Grown Variegated

Many farmers have been deterred from sowing even moderate areas of the hardy variegated types of *Alfalfa* owing to the "fancy" prices charged for seed, and those who advertised high priced stocks, generally embodied in their advertising memoranda veiled insinuations in regard to the genuineness of moderate priced stocks.

We believe in *Alfalfa* for the west, have always done so, and we want to see a fair sized *Alfalfa* patch on every farm, we know this will never be realized unless reliable genuine, hardy seed is sold at a moderate price.

Bearing this in mind, we have been making very exhaustive investigations, and one of the results is our ability to offer this stock of *Genuine Variegated Dakota Grown Alfalfa*. This *alfalfa* has all the characteristics necessary in a hardy *Alfalfa*, viz.: Spreading root system, and large spreading low set crown. There is another feature in regard to this stock that we desire to emphasize as we believe it to be of paramount importance. The seed we offer was harvested from a field that has been growing for 23 years, the climatic conditions being very similar to what prevails in Western Canada. This is in itself sufficient argument in regard to its hardiness, and really requires no further elaboration than to say that year after year the weak constitutioned plants are eliminated by the natural law of "the survival of the fittest." As a consequence, the stock is really becoming hardier. Seed produced from such plants could not be other than hardy and eminently suited for the west.

The seed itself was well saved, is plump, of good color, and A1 vitality, grading No. 1, according to Canadian Government Standards, and at the low price we are offering is the best value in *Alfalfa Seed* on the market, with the exception of our stocks of *Liscomb* and *Grimm*, which are the very best if the slight increase in price is not an obstacle.

3323—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
50c	\$7.90	\$15.25	\$30.00

Inoculation use FARMOGERM. HIGHBRED NITROGEN GATHERING BACTERIA MAKE POOR SOIL GOOD SOIL.

To raise the biggest and best crop of *Alfalfa*, Peas, Beans, Sweet Peas, Clover, or other legumes, *Farmogerm* will do it, and add nitrates to the soil to benefit future crops of other kinds. For full particulars see page 88.

ALFALFA ADDS NITROGEN TO THE SOIL

Ask for Special Booklet "*Alfalfa in Western Canada*"—free to customers

ONE ACRE OF ALFALFA WILL PASTURE 20 HOGS FOR 6 MONTHS

FED TO DAIRY COWS ALFALFA MAINTAINS THE FLOW OF MILK

ALFALFA IS GREATLY RELISHED BY STOCK OF ALL KINDS

Photographed by A. E. McKenzie Co., Ltd



A Fine Crop of Alfalfa from McKenzie's Seeds

Liscomb

Variegated Type

This excellent variety, introduced by us last season, has fully justified all we claimed for it and we predict for it *general demand*. It belongs to the same type as the noted Grimm variety, having the variegated flower, receding root crowns and the branched roots, and is eminently suited to our Western Country on account of its *hardiness*, which is its chief characteristic. It has given every evidence of ability to resist *winter killing* and withstands drought. Studies and experiments in Alfalfa during the past few years have brought a new era in Alfalfa production and this grand variety is certainly destined to eclipse some of the older sorts. The demand for *Hardy Seed* is bound to increase and *Liscomb* will undoubtedly meet it.

Professor Atkinson of the Montana Agricultural College who personally inspected the field from which our stock was procured, writes in the following terms regarding it:

"I was very much interested in the alfalfa seed field on your Section 20. Believe you spoke of this as the Liscomb field. From my examination of the plant, it is quite evident that this belongs to the same strain as the Grimm. It has the variegated flower, the receding root crowns and the branched roots. These characters are quite marked, and I think you will be justified in stating that this belongs to the same species as the Grimm, i.e., the *Medicago media*. As you probably know Grimm Alfalfa merely gets its name from the man on whose farm it first became prominent. The *Media* species is evidently a cross between the common purple-flowered alfalfa (*Medicago sativa*) and the yellow, trailing alfalfa (*Medicago falcata*). The cross seems to combine the hardiness of the yellow-flowered variety with the productiveness of the other and seems to quite excel all other species in many sections of the country."

This year we offer two distinct stocks, and for the purpose of easy reference we designate them B. and C., respectively. The former (B) is from the original source in Montana, same as stock distributed by us last year, and which gave such satisfactory results. The latter (C) is Dakota grown, the produce of seed supplied direct from the original stock. Both are A1 samples, beautifully clean, plump, bright, and of high vitality.

3320—B. Montana grown, Original Stock.	1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
	60c	\$10.40	\$20.25	\$40.00
3324—C. Dakota grown from original stock.	1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
	55c	\$9.15	\$17.75	\$35.00

Grimm

Cossack or Siberian

Conceded by many to be one of the *hadiest* and *highest types* of Alfalfa grown. The demand on this variety has in the past been heavy. As a result stocks have been somewhat limited. It is one of the highest priced kinds ever offered but whether there has been justification for the preference shown for it is largely a matter of opinion and individual experience. Unfortunately it is a shy seeder, consequently the supply is not always equal to the demand. We obtain our stock direct from the source of supply and from reputable growers. We know it is *Genuine Northern grown*—choice, clean, plump seed of Grimm variety. In view of the possibility of the demand being greater than we anticipate we suggest that customers give us the option of sending either *Liscomb* or *Variegated* in place of *Grimm*—in the event of our being sold out of the latter.

Prof. Hansen, who discovered this in Siberia, and Prof. Bracken of Saskatoon, both hold high opinion of it and predict it will become one of the leading varieties in the near future. The same type as Grimms, viz:—variegated, and the fact that it was found *growing wild on the Siberian plains* proclaims its *hardy constitution*. It is a tall growing variety more suitable for hay than pasture. Try the following as an experiment—sow a small quantity mixed with either our Stock A or Turkestan. The pollen of the purple-flowered will be carried to the variegated. Cossack is a very free seeder, much more so than either of the others. This will ensure regular renewal of the crop by the annual growth from self-sown seed, and would doubtless result in the evolution of a hardier and acclimatized type. The seed we offer is the genuine produce of the original stock. Quantity available limited.

Our stock is genuine Dakota grown plump bold seed of highest vitality and cannot fail to produce satisfactory crops.				
3257—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.	
65c	\$12.00	\$23.00	\$45.00	

3321—1 lb.	5 lbs. postpaid	By Express at purchaser's expense, per lb.
\$1.50	\$7.15	\$1.30
Prices on Alfalfa grasses and grains are f.o.b. Brandon except where otherwise noted.		

ALFALFA WILL GROW SUCCESSFULLY ANYWHERE IN WESTERN CANADA

Never forget that it is *always* the *quality* that sets the *price*

ALFALFA WILL GROW TWO CROPS A YEAR

ALFALFA—APTLY TERMED "THE KING OF FODDER PLANTS"

You'll live in Clover

If You Buy Our Tested and Extra Cleaned Clover Seeds



Crop of Sweet Clover.

Sweet Clover (*Melilotus alba*)

The passing of another year still leaves the same diversity of opinion as to the merits and suitability of this crop to the West. We are aware that in some parts of Eastern Canada it is *thought highly of* as a forage crop and those who have grown it extensively say it is *better even than Alfalfa* for furnishing nitrogen to the soil. Our own opinion is that it is undoubtedly a *valuable legume crop* which, we believe, will be more generally grown. The above illustration is from a photograph of a crop grown in Saskatchewan in 1916. Note the height of the plant. We carry a generous stock of high grade quality.

3273—1 lb. postpaid. **50c.** 25 lbs. **\$6.50,** 50 lbs. **\$12.75,** 100 lbs. **\$25.00.**

Alsike (*Trifolium hybridum*)

Introduced from Alsike in Sweden from whence it derives its name and has proven of *almost incalculable value* throughout the West. It grows as tall as Red Clover and *produces abundant crops*. It is valuable for either hay or pasture. Alsike is very leafy, frequently producing as much hay as Mammoth Red Clover, is well suited to our seasons.

PRODUCING HEAVIEST CROPS in moist rather than dry seasons and succeeding better than any Clover on heavy soils. Our Northern Grown Alsike seed has been bred to withstand severe changes of climate and a more hardy strain is unobtainable.

3275—Gold Standard.—1 lb. **50c.** postpaid; 25 lbs. **\$7.65,** 50 lbs. **\$14.75,** 100 lbs. **\$29.00.**

3276—Gilt Edge—25 lbs. **\$6.65,** 50 lbs. **\$12.75,** 100 lbs. **\$25.00.**



Common Red (*Trifolium pratense*)

Decidedly the most valuable variety, and by far the *most popular* in the Canadian West. Its *peculiar adaptability* and *robust habit of growth* make it *particularly desirable*. Sown alone or with a nurse crop of Barley, Oats or Rye it is *perfectly hardy*.

Imparts New Vigor to the Soil

Our seed of this variety is *Northern Grown* consequently has that strong robust life necessary to produce strong vigorous plants of the *healthiest type*. It is *only* by the use of *Northern Grown Seed* that the widespread and general use of CLOVER in the Canadian West has become possible. This can be amply demonstrated by sowing our Northern Grown Red Clover alongside of seed secured elsewhere. Its ability to withstand adverse climatic and soil conditions, makes it of special value to the grower establishing a Clover field. Northern Grown withstands adverse climatic and soil conditions under which most types succumb. Our seed is re-cleaned seed of exceptional purity, tested for germination, fine color, plump and guaranteed to be *Genuine Northern Grown*.

3259—Gold Standard.—1 lb. **50c.** postpaid, 25 lbs. **\$7.65,** 50 lbs. **\$15.25,** 100 lbs. **\$30.00.**
3260—Gilt Edge—25 lbs. **\$7.35,** 50 lbs. **\$14.25,** 100 lbs. **\$28.00.**

Mammoth Red

Somewhat later than Common Red Clover it is very valuable for fertilizing purposes and restoring humus to the soil. Like our Common Red Clover, the Seed of Mammoth Red Clover is Northern Grown, producing a quality unequalled for hardness.

3270—Gold Standard.—1 lb. **50c.** postpaid, 25 lbs. **\$8.00,** 50 lbs. **\$15.75,** 100 lbs. **\$31.00.**

White or Dutch (*Trifolium repens*)

White Clover, sometimes referred to as White Dutch, is very suitable when sown along with grasses for grazing. It stands continuous grazing better than any other clover but should never be sown alone. It is frequently used in Lawn Grass Mixtures but should not be included in lawns subjected to much trampling. It is one of the hardiest of Clovers, flourishes well on soils rich in humus, and is of high nutritive value. Should have a place in pastures on all soils.

3281—Gold Standard.—1/2 lb. **50c.** 1 lb. **85c.** postpaid, 10 lbs. or more **65c.** per lb. at purchaser's expense.
3272—Gilt Edge.—1/2 lb. **50c.** 1 lb. **80c.** postpaid, 10 lbs. or more **60c.** per lb. at purchaser's expense.

Prices on this page are f.o.b. Brandon except quantities listed postpaid



McKENZIE'S FLOWER SEEDS

Beautify the Homes of the Canadian West

Showy Flowers for Backgrounds and Borders

Achillea
Aconitum
Antirrhinum
Anchusa
Anthemis
Aquilegia
Arctotis
Campanula
Canterbury Bell
Carnation
Celosia
Centaurea
Chrysanthemum
Coreopsis
Delphinium
Dimorphotheca
Eryngium
Gaillardia
Globe Amaranth
Helianthus
(Sunflower)
Hollyhock
Kaulfussia
Kochia
Larkspur

Lathyrus latifolius
Linum
Lupinus
Lychnis
Malope
Marvel of Peru
Nicotiana
Nigella
Oenothera
Pentstemon
Physalis
Platycodon
Rhinus
Rudbeckia
Salpiglossis
Scabiosa
Schizanthus
Silene
Statice
Stocks
Stokesia
Sweet Sultan
Sweet William
Veronica
Vinca

Climbing Plants

Balloon Vine
Canary Bird
Coboea Scandens
Convolvulus major
(Morning Glory)
Dolichos
Humulus

Momordica Balsamina
Nasturtium Tall
Nasturtium Lobbianum
Sweet Peas
Thunbergia
Wild Cucumber

Flowers for Potting

Abutilon
Asparagus
Begonia
Calceolaria
Carnation
Cineraria
Coleus
Cyclamen

Fuchsia
Geraniums
Gerbera
Gloxinia
Grevillea
Primula
Solanium

Showy Flowers for Beds and Massing

Aster
Calliopsis
Calendula
Dahlia
Dianthus (Pinks)
Eschscholtzia
Gaillardia
Godetia
Hunnemannia
Mignonette

Marigold
Nasturtium Dwarf
Nemesia
Petunia
Phlox
Poppy
Pyrethrum hybridum
Verbena
Virginian Stock
Zinnia

The undernoted tables show the varieties suitable for special purposes.

Annuals grow from seed, bloom and die the first season. They give best results if started in shallow boxes about four weeks before time for outdoor transplanting. *Biennials* bloom the second season, then die. *Perennials* bloom the second season and continue to grow and bloom for many years. Upon every packet of seed we supply will be found full cultural instructions.

Abbreviations—The initials bear the following significations:

H.A.—Hardy Annuals.
H.H.A.—Half Hardy Annuals.
H.B.—Hardy Biennials.
H.P.—Hardy Perennials.
H.H.P.—Half Hardy Perennials.
H.C.—Hardy Climbers.
H.H.C.—Half Hardy Climbers.
G.P.—Greenhouse Plants.

McKenzie's Quality Seeds

Are specially suitable to the West for the following reasons:

1. We live in the West and our experience extending over 20 years enables us to judge with some degree of accuracy the needs of the West.
2. Our ideal locations at Brandon and Calgary ensure prompt shipment. All orders are shipped within 24 hours after receipt.
3. The seeds we sell are selected and grown *specially* to suit the climatic conditions of the West.
4. All McKenzie's Seeds are of *best standard* of quality, *true to kind*, carefully re-cleaned by the most modern machinery, and highest possible growing vitality.—*Verb. sap.*

Plants for Hanging Baskets, Vases, Verandah Boxes, etc.

Asparagus Sprengeri
Abronia umbellata
Convolvulus
Mauritanicus
Geranium

Heliotrope
Lobelia Tenuior
Nasturtium Dwarf
Schizanthus
Thunbergia

Flowers for Bouquets

Asparagus
Asperula
Aster
Carnation
Chrysanthemum maximum
Chrysanthemum New Perennial

Cosmos
Gypsophila
Honesty
Nigella
Ornamental Grasses
Schizanthus

Flowers for Cutting, Suitable for House Decorations

Achillea
Anemone
Anthemis
Aquilegia
Arctotis
Argemone
Asters
Calliopsis
Campanula
Centaurea
Chrysanthemum
Cosmos
Dahlia
Delphinium
Dianthus
Dimorphotheca
Eryngium
Eschscholtzia
Gaillardia
Helianthus (Sunflower)

Hunnemannia
Larkspur
Marigold
Mignonette
Nasturtium
Ornamental Grasses
Pansy
Pentstemon
Physalis
Platycodon
Pyrethrum hybridum
Rudbeckia
Scabiosa
Schizanthus
Statice
Stevia
Stocks
Stokesia
Sweet Peas
Zinnia

Flowers for Cemetery

Alyssum
Anemone japonica
Aster, white
Bellis perennis Mammoth White
Candytuft Empress
Campanula persicifolia
alba Backhousiana

Chrysanthemum maximum
Chrysanthemum New Perennials
Geraniums (see plant list)
Pansy
Phlox, white
Stocks 10 weeks, white
Vinca alba

Flowers for Edging

Ageratum
Alyssum
Arabis Alpina
Bellis perennis
Forget-me-not (Myosotis)
Lobelia

Marigold, Legion of Honor
Pansy
Portulaca
Pyrethrum aureum
Tagetes signata pumila
Verbena crinoides

Flowers for Wreaths and Winter Bouquets
Rhodanthe
Xeranthemum
Acroclinium
Helichrysum

All Good! Why? Because we specialize and supply one quality—
Absolutely and Positively the Best!

A garden is a beautiful book,
writ by the fingers of God
every flower and every leaf is
a letter.

Photographed
by A. E.
McKenzie
Co. Ltd.



McKENZIE'S SWEET PEAS

Captivate the West

The Popular Flower

McKenzie's Choice Varieties
made it so

Sweet Peas are planted in nearly every home garden throughout the West, and McKenzie's special selections are growing more popular each year on account of the *loveliness of the novelties* recently offered. No garden-lover should omit this increasingly popular flower from his order.

There appears to be no finality to the improvements and new creations of exquisite form and color which are introduced year by year.

Realizing that there is likely to be a greater general demand for *Choice Mixed Sweet Peas of First Grade Quality* that can be relied upon to produce the greatest variety of form and color, we *first direct your attention to our mixtures.*

McKenzie's Mixed Spencers

3060—*Absolutely the Grandest Mixture you can grow.* There are many enthusiastic lovers of gardens who wish to obtain a continuous and varied supply of bloom throughout the summer months, who find it somewhat expensive to purchase all the named varieties of their own choice, and it is to these customers *McKenzie's Prize Mixed Spencers* will appeal. The colorings are artistically charming, ranging from daintiest white, purest and most delicate pinks, to beautiful crimson and darkest maroon. *The immense size, exquisite color and grotesque shapes, combined with their exceptional hardiness make their culture a delightful pastime.*

Although exceptionally hardy and in many cases thriving under positive neglect, there is no flower seed in which the vitality of the seed used is so absolutely essential to its fine growth, fine bloom, strong plants and healthy flowers as the Sweet Pea. *Sweet Peas are a Specialty with us.*

Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 95c, $\frac{1}{2}$ lb. \$1.75, 1 lb. \$3.25.

"I have used your seeds for several years and have always found them satisfactory. I have had the best Sweet Peas in this village for the past two years from your seeds."
Geo. E. Penfold,
Cupar, Sask.
Feb. 3, 1916.

Laura Bell Superb Mixed

2998—*This strain of improved large flowering Sweet Peas is composed of the highest types of named sorts, with a beautiful range of colors mixed to a perfect blend, many of them the newest and best hybrids, remarkable for their beauty, size, form and sweetness.*

Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 40c, $\frac{1}{2}$ lb. 65c, 1 lb. \$1.25.

Eckford's Hybrids Mixed

2998—*This mixture of international reputation is composed of the largest flowered or Grandiflora type of Sweet Peas, and an immensely wide range of magnificent colors of proper proportions.*

Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 65c, 1 lb. \$1.00.

McKenzie's Prize Mixed Grandifloras

2988—Next to the radiant Spencers, we point with pride to these majestic beauties. The flowers are immense, beautiful and striking, with a richness of unmatchable effect.

The large round open flowers are exceptionally fine for cutting. Like the Spencer Sweet Peas, the Grandiflora types are being continually improved, more perfectly developed and new tints produced. Delicately sweet scented, with a wonderfully deep rich range of color. Of a strong, vigorous growth, they bloom continuously until late fall, withstanding considerable frost. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, $\frac{1}{2}$ lb. 85c, 1 lb. \$1.50.

Cupid Mixed

2999—A very popular dwarf Sweet Pea in a choice array of colors, suitable for pot culture or for the edgings of a flower border. July-September. Mixed, pkt. 5c.

New Spencer Varieties for 1917

Victory

3018—One of the largest Sweet Peas yet introduced. The standard is heliotrope flushed hydrangea pink, wings lavender. Four and five-bloom sprays are invariably produced, and the flowers are artistically placed on long stout stems; a gem for exhibition. Per pkt. 60c.

"Red Isobel"

3012—A seedling from "Isobel Malcolm" x "Red Star." It has the vigor of the former, and its characteristic four-stemmed sprays. The color is strikingly brilliant, and absolutely sunproof. Per Pkt. 50c.

Surprise

3013—Color a rich pink, the nearest description being "shrimp pink." The flower is well frilled, and has a satiny appearance, will make an effective bunch for exhibition, also a pretty table decoration. Very vigorous, free flowering, and throws an abundance of four-bloom sprays. Per pkt. 60c.

Robert Sydenham

3037—A glowing orange salmon self, an exceptionally strong grower producing four flowers on a stem. The best and largest of this shade of color. Per Pkt. 25c.

The President

3020—One of the brightest colored sweet peas. A fine variety producing very large size flowers on robust stiff stems. Very beautifully waved. Color a glowing scarlet self. Pkt. 50c.

Hilary Christie

3027—A delightful flower of exquisite form, grows a good size, and is excellent for decoration. Color salmon-orange with edge of fiery orange scarlet, wings rosy salmon. Pkt. 50c.

Verdun

3019—Another delightful Sweet Pea. The standard is pure rich rose-crimson, while the wings are deep rose. The plant is extremely vigorous and four-bloom sprays are abundant; will make a telling bunch for exhibition. Per pkt. 60c.

Our Sweet Peas are the cream of the latest creations of this Popular Flower.

Photographed by A. E. McKenzie Co., Ltd.



"Flowers are the beautiful hieroglyphics of Nature, by which she indicates how much she loves us." Goethe.

McKenzie's Spencer Sweet Peas

The Most Elegant Flower that Grows

Notwithstanding the very valuable and pleasing novelties of more recent introduction there is an ever growing demand for the *Spencer* type of Established varieties. It is not an easy task to adequately describe the many pleasing characteristics of these lovely flowers. The types, forms and colors, seem to be almost illimitable, and those who do not devote some space to the culture of Sweet Peas have surely lost one of the most delightful pleasures of the flower garden. Make a start this year. Since the introduction of Sweet Peas such a large number of varieties have been placed on the market that it requires careful discrimination in selecting the most desirable to grow.

In many strains the colors are of secondary importance as the unusual shapes are so handsomely conspicuous.

The stems are very long and strong, often bearing four immense blossoms, and remain in bloom much longer than the older types.

Each having distinct characteristics, the varieties offered are, in our estimation, the very choicest of the Spencers.

That Sweet Peas are rapidly growing in popularity is a certainty which encourages us to cater for the increased demand in such a way as will enable our customers to procure the very latest and best.

No plants that we know of give such an abundance of flowers for cutting at so small a cost, or with so little trouble as do Sweet Peas. The flowers are very sweet scented and may be had in all the most delightful shades of color.

Sweet Peas may be grown in any garden, even in a back yard or in the centre of a lawn, in tubs or flower pots, provided they have good soil and are properly cultivated. The more flowers you cut, the more freely will they bloom.

New and Recent Spencer Beauties

Admiral Jellicoe

3051—One of Eckford's introductions which in itself is an assurance of something good. A beautiful new azure blue of fine shape. Slightly waved. Grows vigorously. Per pkt. 50c.

Alfred Watkins

3000—A pure, clear, clean lavender. Distinct from all others. Raised by one of the leading Sweet Pea Growers and is sure to be in great demand. Pkt. 25c.

Dobbie's Cream

3043—A very popular, fine large primrose Sweet Pea. Highly recommended. Pkt. 25c.

Edward Cowdy

3001—A glowing orange scarlet of the largest size, producing four flowers to a stem; well waved and of exquisite form. Pkt. 35c.

Fiery Cross

3002—A scorching fire red, without any shading, which scintillates and glitters in the bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Produces beautifully waved and fluted flowers. Pkt. 25c.

Helen Pierce Spencer

3054—Helen Pierce is most fascinating. Our strain is the best. It is a bright blue, overlaid and marbled on ivory white. Pkt. 25c.

Jessie Cuthbertson Spencer

3055—One of the most attractive and striking Sweet Peas yet added to the Spencers. It is a primrose ground, well marked with crimson pink stripes, blotches and flakes. The general effect is one of golden rose. Pkt. 25c.

Hercules

3038—A choice sort of the later introductions, well deserving the attention it has aroused. Grows flowers of great size and substance—color pale rosy pink.—Pkt. 25c.

King Manoel

3028—One of the best of its type producing very large flowers of a rich, deep maroon color—an excellent variety. Pkt. 25c.

King White Spencer

3004—This strain exceeds any of the previous whites in size, shape and beauty. Awarded certificate of merit by Royal Horticultural Society, England. Pkt. 25c, oz. 60c.

Lord Nelson Spencer

3005—Of rich, deep, navy blue color. An excellent variety destined to become very popular. Pkt. 25c.

Margaret Atlee Spencer

3025—Conceded the largest and finest Sweet Pea yet introduced. Rich, rosy, salmon-pink on creamy buff. Pkt. 15c, oz. 50c.

New Miriam Beaver Spencer

3026—One of the greatest acquisitions to the already long list of colors. It is a bright apricot pink on a primrose ground, deeper at the margins and a pure primrose at the base. Perfect Spencer shape. Four blossoms to the stems Pkt. 25c.

Norvic

3006—One of the largest flowers and best strains of White Spencer Sweet Peas yet introduced. Very large blooms, exceptionally well waved. Quite fixed in character. Pkt. 25c.

Orangeman

3007—A very fine large-flowered variety of true Spencer form. Rich deep orange color, beautifully waved. Pkt. 35c.

Royal Purple Spencer

3050—The same shade does not exist in the Grandiflora types of Sweet Peas. It is a true Spencer type and the color is a rich royal purple. We advise every lover of the beautiful in sweet peas to grow this. Pkt. 25c.

Veiled Bride Spencer

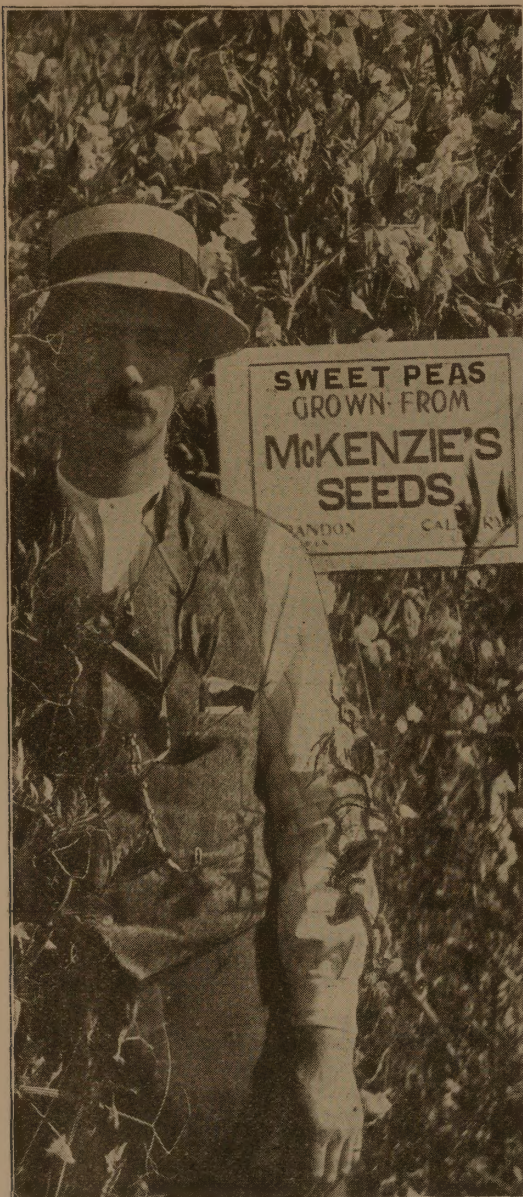
3061—This is exquisite and unique in its markings. The standard and wings are true Spencers. Veiled Bride has an ivory ground sprinkled and marbled with light pink. Pkt. 25c.

Wedgewood Spencer

3049—A beautiful wedgewood blue. One of the most exquisite Sweet Peas ever introduced. Awarded a certificate of merit in 1913. Pkt. 10c, oz. 50c.

Yarrowa

3011—Originated in Australia. Flowers exquisitely waved produced in fours on extra long strong stems. Color bright rose pink with a clear creamy base. Pkt. 35c.



Mr. S. Warrington, Russell, Man., and his Sweet Peas

SPENCER SWEET PEAS Carmine Rose and Scarlet

3029—Apple Blossom Spencer. Carmine rose with creamy blush wings, extra large. Usually four flowers to a stalk. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3035—George Herbert. A large carmine rose of excellent shape with deep rose wings. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3030—John Ingman. A bright carmine rose with deep rose wings, beautifully fluted, of large size and excellent form. Well recommended. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3031—King Edward Spencer. The standard is a deep rich carmine scarlet of glossy effect, retaining its colors well in wet or dry seasons. Flowers freely and one of the very best. Highly recommended. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.95.*

3032—Marie Corelli. A rich rosy carmine with large wavy standards; the wings are very full. Quite distinct, a variety possessing great merit. Usually bears four flowers to a stem and all are large and perfect shape. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3036—Paradise Red Flake Spencer. A bright red flake on white ground. Very attractive. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3033—Queen Alexandra Spencer. One of the best of the intense bright scarlet selfs, the standard and wings are charmingly waved and fluted. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3034—Ruby Spencer.—The wings and standards are handsomely veined and curled. The flowers, immense in size, are a glorious deep ruby scarlet color. *Pkt. 10c. oz. 40c. 1/4 lb. \$1.25.*

Striped and Flaked

3056—Aurora. Deep salmon flake on white ground. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3057—Gaiety Spencer. Light magenta rose, striped, on ivory white ground; the standard and wings are beautifully ruffled or crinkled; a very fine sort. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3058—Mrs. Joseph Chamberlain Spencer. Heavily flaked and splashed with bright rose on white ground. A fine, large waved variety. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3059—Senator Spencer. The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Flowers are of gigantic proportions and usually produced in fours. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

Maroon, Magenta and Mauve

3044—Afterglow. A very distinct variety, a fascinating color difficult to describe standard is bright violet with a shading of rosy amethyst, wings more of an electric blue, generally four flowers on a stem. *Pkt. 10c. oz. 50c.*

3045—Black Knight Spencer. A charming variety of large form and intense deep maroon coloring, fine wavy standard and wings. The best dark variety. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3046—Mrs. Chas. Mander. A dark magenta colored self, wings plum color. Flowers abundantly and of excellent form. *Pkt. 10c. oz. 40c. 1/4 lb. \$1.25.*

3047—Mrs. Walter Wright Spencer. A beautiful rosy mauve with exquisitely fringed standard and brighter fluted wings, the delicacy and beauty of which it is impossible to describe. *Pkt. 10c. oz. 40c. 1/4 lb. \$1.25.*

3048—Nubian. Maroon or deep chocolate colored self. A magnificent flower of exquisite form, large size and great substance. *Pkt. 10c. oz. 50c.*

Photographed by A. E. McKenzie Co., Ltd.

Picotee Edged

3052—Evelyn Hemus. A charming Picotee edged variety, the pink edging showing up distinctly on a buff ground. Flowers usually in fours. One of the best. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

White

3003—White Spencer. The best of the pure white waved flowers of a truly gigantic size, produced in great profusion. *Pkt. 10c. oz. 40c. 1/4 lb. \$1.25.*

Pink

3021—Countess Spencer. The first Spencer variety introduced and still regarded as one of the best. Indispensable in a collection. Flowers produced usually four to a stem, color, a charming soft pink, becoming darker towards the fringe of the petals. *Pkt. 10c. oz. 40c. 1/4 lb. \$1.25.*

3022—Duplex Spencer. A distinctly new class, with large wavy flowers, standard and wings a rich creamy pink. Each stem has sprays of usually four flowers, and frequently the two bottom flowers are of double formation. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3023—Florence Morse Spencer. A delicate blush with a deeper suffusion of pink towards the edges. Flowers are produced on stiff wavy stems and particularly uniform. This is undoubtedly a pale form of the Countess Spencer. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

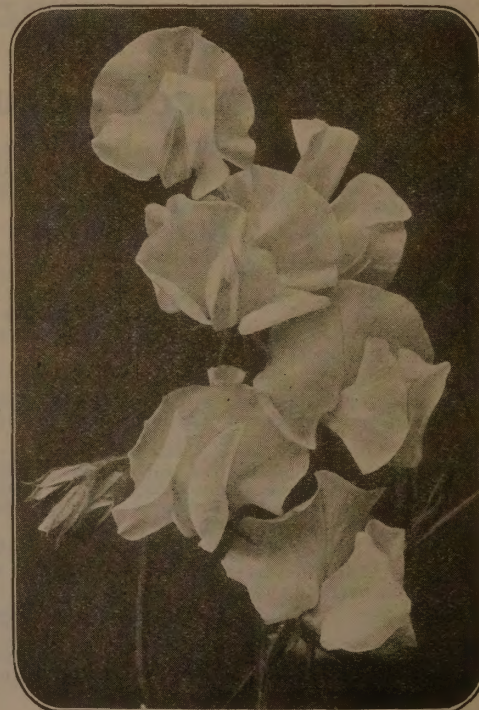
3024—Paradise Spencer. Similar to Countess Spencer, but deeper in shade. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

Lavender

3039—Asta Ohn. A lovely soft lavender, suffused with pink, one of the very best, flowers deeply fluted, very free flowering. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3041—Flora Norton Spencer. A remarkably attractive shade of clear light blue, slightly tinged with purple. Standard large and beautifully waved. *Pkt. 10c. oz. 50c. 1/4 lb. \$1.50.*

3042—Margaret Madison. A pale lavender blue self, exquisite color and substance of flower, a strong grower and undoubtedly one of the best of recent introductions. *Pkt. 10c. oz. 50c.*



Margaret Madison

SPENCER SWEET PEAS (Continued)

WHITE EDGED PINK

- 3008—**Dainty Spencer.** A charming white flower, edged pink, making a delightful contrast; quite distinct.
 3009—**Mrs. Hardcastle Sykes.** Daintily tinted and edged with pink on a bluish ground, fine form.
 3010—**Martha Washington.** In this variety the best traditions of the Spencer type are well maintained; the color is pure white, while the edges are picoteed with a deep rose, which gives a most charming effect. (See illustration)

ORANGE, PRIMROSE AND BUFF

- 3014—**Helen Lewis.** A distinct variety with a large, broad, wavy orange standard and rosy-orange wings. One of the best of the Spencers producing flowers of immense size.
 3015—**Mrs. Routzahn.** Flowers are of the largest form and beautifully waved and crimped. Buff or apricot color, suffused with delicate pink, deepening towards the edges. A highly attractive and charming variety.
 3016—**Primrose Spencer.** Deep primrose or creamy yellow, of large size, frequently producing four flowers to a stem.
 3017—**Stirling Stent.** Deep salmon, or salmon orange self. One of the best and should be in every collection.

Pkt.	Postpaid		1/4 lb.
	oz.		
.10	.50		\$1.50
.10	.50		1.50
.10	.50		1.50
.10	.50		1.50
.10	.50		1.50
.10	.50		1.50

Photographed
by A. E.
McKenzie
Co., Ltd.



Martha Washington

Photographed by
A. E. McKenzie
Co., Ltd.

McKenzie's Selected Grandifloras

The Spencer (or waved) types have now gained such popularity that they are slowly but, nevertheless, surely taking precedence over the grandifloras. As a result, hybrid-

izers have relaxed their enthusiasm for the latter, but as there still exists many staunch admirers of Grandifloras, we continue to offer those varieties which are, in our opinion, the most vigorous in growth and produce the finest blooms. The Grandifloras are very free flowering, and if anything more robust than the Spencer types.

Unwins.—This type is designated by an asterisk; resembles the Spencers in form, with standard and wings gracefully waved and crimped, but the individual flowers are smaller.

WHITE

	Postpaid	Pkt.	oz.	1/4 lb.
2922— Dorothy Eckford. A pure snow white of extra size.		.05	.25	.60
2923— White Wonder. Very profuse bloomer.		.05	.25	.60

PRIMROSE AND BUFF

2928— Mrs. Collier. A charming primrose self.	.05	.25	.60
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ORANGE AND SALMON

2934— Bolton's Pink. Large orange pink standard, with wings of a pale rose.	.05	.25	.60
2936— Miss Wilmot. A salmon pink delicately shaded rose.	.05	.25	.60

PINK

2941— *Gladys Unwin. Light pink; an exquisite shade. Standards beautifully waved and crimped.	.05	.25	.60
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ROSE

2947— Prince of Wales. A rich deep rose self; quite distinct.	.05	.25	.60
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SCARLET, CRIMSON AND CHERRY

2957— *Chrissy Unwin. Crimson scarlet, flowers large and waved.	.05	.25	.60
2959— King Edward VII. A deep rich carmine scarlet. Very effective.	.05	.25	.60
2944— Queen Alexandra. A bright crimson scarlet self, keeps its color well.	.05	.25	.60

DARK BLUE, PURPLE AND MAROON

2970— Brilliant Blue. A rich dark navy blue standard, wings tipped gentian blue.	.05	.25	.60
2948— Black Knight. Bold, upright dark Bronzy chocolate standard. One of the best dark varieties.	.05	.25	.60
2949— Mrs. Walter Wright. Fine bold flower. Color a rosy mauve or rosy purple.	.05	.25	.60

LAVENDER

2967— Lady Grisel Hamilton. This is a very popular lavender self, undoubtedly the best in this shade of color.	.05	.25	.60
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PICOTEE EDGED

2977— Dainty. White ground, edged pink. Very fine.	.05	.25	.60
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MOTTLED AND FLAKED

2983— Helen Pierce. Mottled and veined bright blue on a white ground.	.05	.25	.60
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Points about Growing Sweet Peas

1. Sow the seeds in a double row from four to six inches apart thus:

 About 14 seeds will suffice per yard double row as shown.
 2. Sow the seeds in suitable soil in a sunny situation. They do best on a free, deep loam, well cultivated.

3. Plant not less than two inches deep and draw the soil up to the plants when they are about three inches high.

4. Sweet peas need plenty of room, so don't crowd them when sowing the seed. Most people sow twenty seeds where ten would give better results.

5. Remember, the more you cut the more they will bloom. Don't allow them to go to seed—keep on cutting.



Queen Alexandra

Please send me your Seed Catalog. I ordered some seeds from you last year and was satisfied they are the best seeds obtainable.

JOS. M. KAZUK,
Feb. 7, 1916. Stry, Alta.

Write us about Sweet Peas—We are "Headquarters" for the West.

McKENZIE'S FLOWER SEED SPECIALTIES

These sterling and highly meritorious varieties are a distinct advance in their respective classes having been specially selected to suit the climatic conditions prevailing in the Canadian West. They are worthy of careful consideration by every garden lover.

Photographed
by A. E.
McKenzie
Co., Ltd.



Aster
Giant
Comet

McKenzie's quality Flower Seeds are helping to make the homes of Western people gayer, brighter, and in closer concord with nature at its best.

Abbreviations—The initials bear the following significations—
H.A.—Hardy Annuals H.H.P.—Half Hardy Perennials
H.H.A.—Half Hardy Annuals H.C.—Hardy Climbers
H.B.—Hardy Biennials H.H.C.—Half Hardy Climbers
H.P.—Hardy Perennials G.P.—Greenhouse Plants

ASTER

Giant Comet

(H.H.A.) All the high qualities combined in one

Asters, particularly Comet, are becoming more generally grown than ever. To their ease of culture and profusion of bloom unquestionably are due their increasing use.

Nor is the "ease of cultivation" or the "profusion of bloom" its most meritorious qualities; far from it. It is the exquisite beauty of the flower itself, rivalling as it does even the "gorgeous Chrysanthemum" both in size, appearance, and beauty.

We have wonderfully improved our "Giant Comet." The strain is perfect, the forms exquisite, the size immense, the petals are beautifully curved and recurved, like its name resembling a beautiful ostrich plume, averaging 4 inches across.

	Pkt.		Pkt.
1743—Pure White.....	10c	1747—Crimson.....	10c
1744—Rose.....	10c	1748—Light Blue.....	10c
1746—Choice Mixed.....	10c	1749—Brilliant Carmine..	10c

Gigantic Crego

(H.H.A.) Queen of the Asters

You will note we call this "Gigantic" also "Queen of the Asters." "Gigantic Crego" certainly is "super-excellence" in the Comet Aster Class, frequently six inches across, the petals in many cases being double the length of the ordinary types, daintily twisted and curled in beautiful fluffy effects.

For a few cents' investment you will reap long months of joyous reward and continual pleasant surprises which present themselves when growing Crego.

The plant, like the flower, resembles the Comet, about 24 inches high and extremely prolific, casting bloom in the greatest profusion.

1797—Snow White, pkt.	10c	1798—Shell Pink, pkt.	10c
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Ostrich Feather

(H.H.A.) Rivals the Superb Chrysanthemum

The name of this type is exceedingly suggestive of its exceptional beauty, for in every way but its round shape it reminds one of the graceful waving ostrich plume.

This is a newer introduction than the Comet, considerably earlier, producing a greater profusion of bloom and a flower that rivals in size the well known Japanese Chrysanthemum.

Excepting the size, it is identical with the Comet in appearance: long, wavy, twisted petals, gracefully but loosely formed. Often mistaken for a big Chrysanthemum.

The plants, similar to Comet, are of luxuriant growth, about 24 inches high, each bearing from 30 to 60 blooms.

Florists generally are finding this very profitable, which we consider a testimonial of great value, as, when commercial growers take up with an extremely prolific, hardy annual of vigorous growth, flowers that flourish from the start in the open, it is time then that the growings of same for home use becomes general.

	Pkt.		Pkt.		Pkt.
1787—Pure White...	10c	1789—Dark Blue....	10c	1791—Azure.....	10c
1788—Crimson.....	10c	1790—Salmon.....	10c	1792—Choice Mixed	10c

American Branching

(H.H.A.)

This is the great favorite with the ladies, as its long stems peculiarly adapt it to home and table decoration, and late blooming.

The flowers, of large size, usually about 4 inches across, of beautiful soft shades, are highly ornamental and attractive. The petals overlap in a convex manner, very similar to the Victoria and Queen of the Market.

It is a strong, robust grower, usually 18 to 24 inches high, of profuse blooming habit; like the Comet it becomes literally covered with bloom.

	Pkt.		Pkt.
1778—Pure White, 1/4 oz. 65c.....	10c	1782—Lavender Blue.....	10c
1779—Shell Pink.....	10c	1780—Mixed Colors, oz....	\$1.50
1781—Deep Crimson.....	10c	1/2 oz. 85c, 1/4 oz. 50c.....	10c

For General List of Flower Seeds see also page 76.

Photographed
by A. E.
McKenzie
Co., Ltd.



Asters
Mixed

Photographed by A. E. McKenzie Co., Ltd.

ASTER (Continued)**Pæony Perfection (H.H.A.)**

The great pleasure in growing *Asters* is the diversity of types and each so *radically distinct* from the other. This is particularly true of the *Pæony Perfection* with its *gracefully incurved petals*, meeting at the centre.

It produces a large *magnificent flower*, about 4 inches across, of the most *perfect Pæony shape*, ranging in colors from pure white to glowing crimson.

The plants are of pyramidal branching formation, about 18 inches high with a flower stem highly prized for bouquet or decorative purposes, producing a bloom in the greatest profusion.

1754—Pure White,	Pkt. 10c.	1759—Brilliant scarlet.....	Pkt. 10c.
1755—Crimson.....	10c.	1760—Dark blue.....	10c.
1757—Brilliant rose.....	10c.	1761—Choice mixed.....	10c.

Victoria (H.H.A.)

Unquestionably the most stately of the *Asters*

It is a most noticeable fact, that practically every garden where *Asters* are grown always has this type whether others are grown or not.

It is an extreme pleasure to hear the *laudations* of a "genuine flower lover" of the *Victoria*; to hear his *praise* of its *gracefully formed petals*, its *massive showy appearance*, pointing with delight at *every graceful petal*, every *exquisite curve*, its *ideal centres* and its *deservedly superior elegance* in every way.

Home growers, amateurs and professionals, are united in acknowledging this as the *most perfect* of the *Aster family*.

It is *particularly prized* for bedding and large borders.

Is of pyramidal form, growing 18 to 20 inches high.

It has so many *points of excellence* that Exhibitors the world over give it a *stated preference*.

It is a very free bloomer, exceptionally hardy and adapts itself readily to general culture throughout the Canadian West.

1765—Pure white.....	Pkt. 10c.	1771—Dark blue.....	Pkt. 10c.
1766—Light blue.....	10c.	1772—Rose.....	10c.
1767—Crimson.....	10c.	1773—Purplish Violet.....	10c.
1768—Fiery scarlet.....	10c.	1774—Choice mixed.....	10c.
1769—Apple Blossom.....	10c.		

Single Aster**Violet King (H.H.A.)**

An exceptionally fine type for cutting

1860—This type we want to see every customer include in his order. It takes the fancy of all who see it and we believe has gained prominence more rapidly than any other of the *Aster types*.

It is a late flowering sort, coming into bloom just when the earlier bloomers are dropping out. It is an *exceptionally sturdy grower* of branching habit, resembling in growth and flower the American Branching. The color is an intense rich violet purple of *attractive appearance*.

It is one of the *very finest* for cutting, as it lasts for long periods when the water is changed daily. Pkt. 10c.

Artemesia (Saccorum Viridis) (H.A.) (Summer Fir)

1720—Like *Kochia* (Summer Cypress), it makes a *beautiful garden and pot plant*. It forms pyramidal bushes about 3 feet high. The color is a *rich deep green*. Withstands both drought and wet. Pkt. 10c.

Achillea (H.P.) (Ptarmica Fl. Pl.)

1611—This *beautiful white perennial* of *easy culture*, grows about 2 feet high and from spring until frost is *literally covered* with *bloom of the purest white double flowers*. As a *cut flower* it is *extremely prized*. Pkt. 10c.

Arabis Rock Cress (H.P.)

One of the best rock plants. Blooms very early in the spring. Pure white flowers. Especially adapted for edgings and covering banks. Very attractive and will enhance the appearance of any garden.

1708—Alpina. Pkt. 5c.

Miss Roosevelt (H.H.A.)

All that its name symbolizes and more

1855—The *prominence* of this *great favorite* of our Yankee neighbors is by no means due entirely to its name. Unquestionably with this *Aster* we have *quality* in both name and flower.

Of the *Victoria* type the *formation* is *perfect*, the closely arranged petals giving it a handsome *double appearance*.

Very hardy, plants of 18 inch growth, suitable for borders and cutting.

Color is a most charming primrose passing to flesh. Pkt. 10c.

Ageratum, Little Blue Star (H.H.A.)

A Continuous Bloomer of Exceptional Merit

1635—*Little Blue Star* has almost entirely superseded the older types of *Ageratum*. It is a more compact plant and of dwarfer habit.

The flower certainly is a wonderful improvement over the other types, and is one of the most profuse growing plants known. The name *Ageratum* meaning "ever young," refers to its ever blooming habit; it will remain fresh and perfect for a month outdoors, and considerably longer within. Naturally it is a popular favorite, and like "Sweet Alyssum" is superb for borders and edgings, as the plants are neat, bushy and erect; about 4 to 5 inches high. The flower is a bright blue with a dark red centre. Pkt. 15c.



Photographed by A. E. McKenzie Co. Ltd.

Ageratum

Single Aster

When comparing prices compare the quality too.

Photographed by A. E. McKenzie Co., Ltd.

Asparagus
Sprengeri

Photographed by A. E. McKenzie Co., Ltd.



Asparagus Plumosus Nanus

Photo-
graphed by
A. E.
McKenzie
Co., Ltd.

Antirrhinum—"Queen of the North"

Asparagus Sprengeri

(H.H.P.)

1728—This well known *Emerald Feather Fern* so generally used in hanging baskets for winter interior use and home decoration, follows closely in the wake of the *Plumosus* as a popular favorite. For outdoors in summer it has no superior. Pkt. 25c.

Alyssum Sweet

Never Wanes in Popularity

Very similar in appearance to *Candytuf* and equally as popular for borders.

It is equally prized for baskets, pots, terrace rock work, cutting and button holes.

It is a rapid grower and produces an over abundance of bloom.

It is exceptionally hardy, in most cases lasting for several weeks after severe frost.

Alyssum is one of the few flowers of exceptional fragrance.

It is of very dwarf branching habit, the flowers so close that it resembles a sheet of white from a distance.

1646—*Maritimum* (H.A.). White. Oz. 30c, pkt. 5c.

1647—*Little Gem* (H.A.). White. Oz. 50c, pkt. 5c.

1648—*Golden Saxatile* (H.P.). Brilliant Yellow. Pkt. 5c.

Asparagus

(H.H.P.)

Plumosus Nanus

1723—We believe that this is the most popular house plant in Western Canada to-day. Almost every plant lover has an *Asparagus Plumosus Fern* on his dinner table or in some other room. It surpasses the *Maidenhair Fern* for grace, delicacy of texture, richness of color. Easy to grow. Pkt., .25

Bartonia aurea

A Fine Showy Annual

This plant produces bright yellow single flowers, about 2½ inches across, very fragrant in the evening. It has thistle-like foliage which gives it a most attractive appearance. A very valuable flower for table decoration.

1886—*Aurea*. Pkt. 5c.

Antirrhinum

H.H.P.

(Snap Dragon)

A Most Fascinating Flower

In mixed borders or beds the long spikes with their clusters of rich, dazzling flowers of intense and varied colors form a most pleasing yet striking contrast when blended with other attractive plants.

The flowers have remarkable endurance, withstanding severe adverse weather, regaling in beautiful bloom throughout the entire summer.

Antirrhinum being a perennial should be started indoors early, which insures a profusion of bloom the first season. Where indoor sowings are not preferred, we suggest sowing during the summer for the following season.

Tall Giant Varieties

1681—*Brilliant*. Golden yellow and white. Pkt. 10c.

1682—*Fire King*. Scarlet with orange. Pkt. 10c.

1683—*Queen Victoria*. Snowy white. Pkt. 10c.

1684—*Striatum*. Striped. Pkt. 10c.

1686—*Finest Mixed*. Pkt. 5c.

Dwarf Varieties

1691—*Black Prince*. Almost black with dark leaves. Pkt. 10c.

1693—*Golden Queen*. Rich pure yellow. Pkt. 10c.

1694—*Queen of the North*. Pure white. Pkt. 10c.

1695—*Finest Mixed*. Pkt. 5c.

Aquilegia

Long Spurred Hybrids
(Columbine)

The delicately formed flowers are borne singly and in panicles, strikingly set off by handsome foliage that gives a most charming background, exhibiting with startling effect the rich colors and graceful spurs beautifully poised on stately stems. A decided improvement on the older sorts of *Columbines*.

The range of colors is exceptionally fine, such as pink and yellow, red and yellow, white and blue, lavender and mauve, etc.

1702—*Choice Mixed*. Pkt. 15c.

McKenzie's Superior Balsam

(H.H.A.) Resembles a plant with Roses wrapped round and round

Aside from the exquisitely formed flowers, some of most gorgeous hue, the stems or branches instead of bearing in the usual manner are clustered closely from butt to tip with only the tips of the leaves protruding, thus giving the entire plant the appearance of one immense bloom, 18 to 24 inches high.

Balsam is a robust grower and should be given abundance of room. It makes an excellent border plant, and if started indoors will give a very early display.

1875—*Brilliant Scarlet*. Pkt. 10c.

1876—*Snowball*. Pure White. Pkt. 10c.

1877—*Violet Spotted*. Pkt. 10c.

1878—*Prince Bismarck*, brilliant salmon rose. Pkt. 10c.

1879—*Primrose*. Pkt. 10c.

1880—*Rose Spotted*. Pkt. 10c.

1881—*McK.'s choice mixed*, ½ oz. 60c pkt. 10c.

Carnation

(Dianthus Caryophyllus fl. pl.)

The Yield of Large Double Flowers is Wonderful

The *Carnation* has always been a flower of great prominence, but it is only in the last few years that its growth has reached a more general stage throughout the *Canadian West*.

If sown early indoors and then transplanted to the open in June, the *Carnation* will blossom as readily as any other flower.

By transferring to pots before frost it makes a nice house plant.

The *Marguerite* strains are especially recommended for vigor and adaptability to outdoor culture; while the *Perpetual* are also given outdoor prominence, they are more generally grown where a winter blooming house plant is desired.

1990—*Giant Marguerite*. Double choice, mixed. Pkt. 10c.

1991—*Dwarf Marguerite*. Double white. Pkt. 10c.

1992—*Dwarf Marguerite*. Double yellow. Pkt. 10c.

1993—*Dwarf Marguerite*. Double crimson. Pkt. 10c.

1994—*Dwarf Marguerite*. Double choice mixed. Pkt. 10c.

1995—*Perpetual, Chabauds*. Giant flowered, mixed. Pkt. 15c.

1996—*Perpetual, Riviera Market Giant*. Mixed. Pkt. 15c.

1997—*Border*, choice mixed, Pkt. 10c.

Cosmos White, Lady Lenox

Gigantic Orchid Flowering

2073—This is a most fascinating introduction which produces flowers four to five inches in diameter—quite three times larger than the ordinary cosmos.

It is the first white variety of the famous Lady Lenox Cosmos type.

Has succeeded and been admired everywhere.

Every Enthusiastic Gardener Should Grow This

Produces petals oval in shape and of splendid substance. Keeps well when cut. Pkt. 10c.

We are specialists in Seeds and aim to produce the best that grow.

Candytuft Large Flowering (Iberis)

One of the best known flowers

For a *profusion of bloom* lasting throughout the summer there is nothing in the flower garden to excel these dwarf flowering annuals for edging and massing in borders.

The plants being of miniature growth adapt themselves to pot culture. They are quite hardy and can be sown out of doors, seedlings being thinned out but not transplanted.

The flowers are borne in umbels on spiral spikes of extra depth; the individual flowers being much larger than the older strains. Colors embrace practically all shades of white, purple and red. The strains we offer are unsurpassed.

1964—Dunnett's Improved. Deep rich crimson	Pkt. 5c
1965—Empress. Large, pure white	10c
1966—Umbellata Queen of Italy. Pale lilac	10c
1967—Umbellata albida. Creamy white	5c
1968—Umbellata. McKenzie's Finest Mixed	10c
1969—Umbellata Dwarf Hybrids. White shaded Rose	5c
1970—Choice Mixed	5c



Photographed by
A. E. McKenzie
Co., Ltd.

Candytuft

Photographed by A. E. McKenzie Co., Ltd.

Celosia Very Showy for the Summer Garden

Plumosa is a *capital name* for this flower, resembling in every way the *large plumes* used so *extensively* for millinery decoration. The very *oddity* of its *formation* makes it *unique*, and its many *gorgeous colors*, *highly attractive*.

The *Dwarf Cockscomb* with their immense *rich, ruffled combs* are of *velvet chenille-like appearance*, measuring frequently 12 inches across, have an exceptionally striking ornamental effect in borders.

2002—Plumosa. Crimson	Pkt. 5c
2003—Plumosa aurea. Golden yellow	5c
2004—Plumosa Thompsoni Magnifica. Mixed colors	10c
2005—Cristata Empress (Cockscomb) crimson	10c
2006—Cristata Dwarf (Cockscomb) Finest mixed	10c

Coreopsis

This *showy flower* not only receives a *place* in almost *every garden*, but generally a very *conspicuous one*.

It is a very *dazzling plant*, *strikingly effective* in *display* with other plants, and equally as attractive for cutting and bouquets.

The flowers are exceedingly free blooming, retaining freshness long after cutting. It has been said this flower blooms so freely that it flowers itself to death.

2069—Grandiflora, large bright golden yellow	Pkt. 5c
2070—Lanceolata, yellow serrated petals	10c



Coreopsis Grandiflora

Photographed by A. E. McKenzie Co., Ltd.

Campanula Persicifolia

(Peach Bells)

Very different in formation from
Canterbury Bells

The *delicate and broadly shaped flowers* appear in clusters of three at the axils of the upper leaves and can be grown to an immense size. They are *decidedly ornamental and graceful* and very suitable for table decoration.

1952—Persicifolia. Blue, large bells.	Pkt. 10c
1953—Persicifolia Alba Backhousiana. The largest and purest flower.	10c
1954—Persicifolia grandiflora fl. pl. Alba Moerheimi. Very fine, pure white saucer shaped flowers.	10c

Canterbury Bell

(H.P.) Campanula

The *Canterbury Bell* of the *Calycanthema* type differs noticeably from the usual Bell Flower or Persicifolia strains by reason of its immense calyx, giving the flower the appearance of a "cup and saucer," and is generally known by this name.

1979—Calycanthema. Blue	Pkt. 10c
1980—Calycanthema. Rose	10c
1981—Calycanthema. White	10c



Dianthus (Pinks) Succeed in any Soil

Although biennial, Pinks should be treated as annuals, and if sown in the open ground as soon as all danger of frost is past, they will furnish an *endless delight* to *lovers of flowers* throughout the summer by their *attractive and profuse display* of bloom. Transplanting when sown in the open is not recommended, otherwise the flowering season will be delayed.

2122—Chinensis (Fl. Pl.). Mixed (H.B.) (Indian Pink). Double flowers, all shades.	Pkt. 5c
2123—Heddewigi (H.B.). Single mixed (Japan Pink). All colors	5c
2124—Heddewigi Crimson Belle (H.B.). Single, brilliant crimson	10c
2125—Heddewigi Eastern Queen (H.B.). Single, striped rose, extra	10c
2126—Heddewigi Fireball (H.B.). Double, brilliant scarlet, extra strain.	15c
2127—Heddewigi (H.B.). Double, choicest mixed	10c
2128—Laciniatus (H.B.). Single, mixed	10c
2129—Laciniatus Salmon Queen (H.B.). Single, very charming colors.	10c
2130—Laciniatus Snowdrift (H.B.). Double, large, pure white extra choice.	15c
2131—Laciniatus Vesuvius (H.B.). A dazzling single orange scarlet, very fine	10c
2132—Laciniatus (H.B.). Double choice mixed	10c
2133—Diadematus (Double Diadem Pink) (B.). Double, choice mixed	10c
2134—Imperialis (Double Imperial Pink) (H.B.). Choicest mixed	10c
2135—Nobilis (Double Royal Pink) (H.B.). Choice mixed. Twisted petals, very pretty	10c
2136—Latifolius (H.B.). Double Hybrids, choice mixed. Very brilliant colors, Flowers first season from seed	10c
2137—Perennial Pinks (H.P.). Extra choice mixed, very hardy	10c

Confidence is the Foundation of the Seed Business—McKenzie's Seeds are Reliable

Dianthus

Photographed by
A. E. McKenzie
Co., Ltd.



SINGLE
ANNUAL
CHRYSANTHEMUMS

Single Chrysanthemums

Dependable Quality
Highest Germination

Photographed by A. E. McKenzie Co., Ltd.



Dimorphotheca Aurantiaca

CHRYSANTHEMUM

McKenzie's

New Early Single Perennial

2026—This is a *great favorite in our Western gardens* where hardy growing flowers are given preference. There is no flower in cultivation better known than the *Chrysanthemum*.

This new type of *Early Single Perennial* is a most popular addition for both garden and house growing. Blooms the first year.

The plants are bushy, well shaped and hardy, growing 2 to 3 feet high, covered with a mass of *delicately shaped blooms of exquisite colors*, such as pure white, cream, yellow, orange, crimson, purple, terra cotta, pink, etc., ranging in size from 3 to 4 inches across.

The plants are raised from seed with the greatest ease, sowing indoors in early spring, transplanting to the open, again transplanting before frost to pots for the winter bloom. *Choiced mixe. Pkt. 15c.*

Echinocystis

(Wild Cucumber) (H.A.)

The *increasing demand* for this useful plant encourages us to believe that its usefulness is becoming *more appreciated*. It is unequalled for its rapidity in covering walls, fences, etc. Very useful for hiding unsightly objects in the garden on account of the quick growth of the vines. It is desirable that the seed be soaked several hours before planting.

2167—Lobata. oz. 20c, pkt. 5c.

Gypsophila

(Baby's Breath)

A very desirable plant for bouquets, sprays, and hanging baskets. Useful for mixing with other flowers. Excellent for cutting, therefore very popular. 1-2 ft. July-August.

2289—*Elegans grandiflora alba* (H.A.) An improved type, pure white flowers. Pkt. 5c.

2294—*Paniculata* (H.P.) White flowers, blooms first year if sown early. 2 ft. August-Sept. Pkt. 5c.

Delphinium or Perennial Larkspur

The Delphinium of to-day is *one of the most beautiful of all flowers* and provides a color—blue—of which we have too little among flowers. *The stately plants with their long spikes of handsome flowers*, produced in racemes, are much admired in mixed borders.

The foliage is *shapely and classical* in outline and the spikes of bloom are freely borne. A bed or border of Delphiniums will often remain in full bloom for several months during the whole of which time they will add a color to the garden which would otherwise be wanting. For producing a striking display over a long season they are probably unique. No garden is complete without a group or two of these graceful perennials.

The culture is *exceedingly simple* and the results out of all proportion to the slight amount of care necessary. 2 to 6 ft. July-September.

2107—*Blue Butterfly*. A very attractive dwarf Chinese variety growing about 20 inches high. The plants are densely covered with a mass of azure blue flowers, which stay in flower a very long time. Pkt. 10c.

2112—*Formosum coelestinum*. Handsome sky blue flowers, a lovely shade. 2 ft. Pkt. 10c.

2113—*Grandiflorum fl. pl.* Large flowers borne in racemes. 1 to 3 ft. *Choice, double mixed.* Pkt. 10c.

2114—*Cashmerianum*. Distinct pale blue produced in corymbs, with light green leaves. 1 ft. Pkt. 10c.

2116—*McKenzie's Special Mixture*, a very choice strain. Pkt. 10c.

2117—*Nudicaule*. Spikes bright scarlet, borne on a loose raceme. 1 ft. Pkt. 15c.

Dimorphotheca or Orange African Daisy

This is a great improvement over the old African types

Of easy culture and able to withstand all kinds of weather it has proven admirably adapted to the climate of Western Canada, and is rapidly gaining universal recognition. Its intrinsic value as a bedding or decorative plant, is acknowledged. The plants are of semi-dwarf habit and rarely exceed the height of 15 inches; the growth is vigorous and fairly compact, bearing clusters of immense flowers measuring frequently 2½ to 3 inches across. Exceptionally profuse blooming the plants continue to produce an array of extremely showy flowers until late in the fall.

Seed may be sown in the open as soon as the ground can be prepared in the spring.

2147—*Aurantiaca* (True Stock). The golden yellow flowers are rendered very conspicuous by the dark colored disc surrounded by a black zone, the Marguerite-like blossoms measuring frequently 2½ to 3 inches in diameter. A very attractive flower, producing an abundance of bloom and certain to be held in high esteem. Per pkt. 10c.

Aurantiaca hybrida. Quite the counterpart of the type in growth, foliage, height and size of bloom, but of multifarious coloring. Among the shades represented are pure white to bluish and reddish white, sulphur and lemon yellow to bright gold; delicate rose to deep salmon, orange, etc., while some flowers show zones of contrasting hues. Considered by many horticulturists as the most promising novelty in recent years.

2157—*McKenzie's Choice Mixed*. Per Pkt. 15c.

McKenzie's Flower Seeds make the Garden gay and the home brighter.

Gaillardia—Blanket Flower

Unsurpassed in Brilliancy by any Hardy Annual Plant.

This popular flower hardly needs much introduction as it is already so well known and appreciated among garden-lovers. To those who have not already grown it we would strongly recommend that a small space be allotted. Gaillardias are particularly conspicuous for profusion and duration of flowers. A constant succession is produced all summer until late in the fall. They produce a most gorgeous effect in beds or borders. They are highly recommended for cut flowers as they last so long in water and can be gathered with ample self supporting stems. Great Improvements in this popular plant have taken place during recent years and the strains we offer below are absolutely the best obtainable. Flowers freely, dazzling colors. 2-3 ft. July-Sept.

- 2223—Picta Aurora Borealis (H.A.) Gold, crimson and white. Pkt. 5c.
2224—Single Mixed. Pkt. 5c.
2225—Lorenziana, double mixed. Pkt. 5c.

Helianthus—Sunflower

Very Effective
in Borders.

Of the easiest culture and adapted to a variety of soils. They are seen to best advantage when planted in masses, rather than as solitary specimens. These attractive flowers are a valuable addition to any garden. 2-8 feet. July-Sept.

- 2229—Argyrophyllus (Texas Silver Queen). Single yellow flowers with black centre. 6 ft. Pkt. 5c.
2304—Californicus fl. pl. Fine double, showing no centre, flowers 6 inches in diameter. 4 ft. Pkt. 5c.
2307—Globosus fistulosus fl. pl. Large double flowers, bright saffron color. 4 ft. Oz. 25c, Pkt. 5c.
2308—Stella. Single golden yellow flowers with black disc. 4 ft. Pkt. 5c.
2309—Golden Fleece. Pkt. 5c.
2310—Red. A new and very attractive variety; flowers are very numerous. Pkt. 5c.

McKenzie's Giant Flowering Annual Hollyhocks

Blooms First Year from Seed.

Immense Hollyhocks the first year from seed! Think of it. The old types of this beautiful rose-like flower can seldom be flowered from seed before the second year. This new strain, identical in appearance with the older varieties, is the result of years of scientific research and selection for an Annual Hollyhock.

The range and combination of colors are wonderful and most beautiful to behold. The flowers are densely double, delightfully fringed and flounced. In size they are immense, often measuring 5 inches across.

Plants grow 6 to 8 feet high and literally covered with clusters of buds and flowers. Veritable columns of bloom.

Started in the house from February to April and transplanted they bloom in the early summer.

- 2327—McKenzie's Giant Flowering Annual. Mixed. Pkt. 15c.

The following old favorite perennials are as popular as ever:

- 2328—Chater's (H.P.). Double white. Pkt. 10c.
2329—Chater's (H.P.). Double canary yellow. Pkt. 10c.
2330—Chater's (H.P.). Double scarlet. Pkt. 10c.
2331—Chater's (H.P.). Double peach blossom. Pkt. 10c.
2332—Chater's (H.P.). Double crimson. Pkt. 10c.
2333—Chater's (H.P.). Double apple blossom. Pkt. 10c.
2334—Chater's (H.P.). Double salmon. Pkt. 10c.
2335—Chater's (H.P.). Double dark rose. Pkt. 10c.
2336—Chater's (H.P.). Double, choice mixed. Pkt. 10c.
2337—Double Alleghany Prize. (H.P.). Mixed... Pkt. 5c.

There can be no reasonable excuse for sowing inferior seeds. Seeds of the highest standard are undoubtedly the cheapest.

Linum (Flax) (H.A.). A Pretty Border Plant.

The flowers are borne in terminal racemes or cymes. On account of continuity of bloom the plant is very Showy and its ease of culture places it in the front rank as a popular flower 1 ft. July-Sept.

- 2420—Grandiflorum rubrum. Oz. 30c, pkt. 5c.
2421—Flavum (H.P.). Neat and compact, flowers bright golden yellow. 1 ft. Pkt. 10c.
2422—Perenne (H.P.). Bright blue flowers, very graceful. Pkt. 10c.

Ipomea, or Morning Glory

Remarkable for easy culture, quick growth and beautiful flowers. Among the most popular plants for covering verandahs and screening unsightly objects.

Morning Glories are the least exacting of garden plants as regards soil and site. They prefer a strong soil, sunny site and plenty of water but they will make the best of much that may be uncongenial.

Seeds should be soaked in warm water for about 2 hours before planting. Flowers from July to September.

Imperialis

This is the wonderful Japanese Morning Glory, celebrated the world over for its wondrous beauty of both flowers and foliage. The flowers are borne by hundreds and are of enormous size, of the most delicate, vivid and blending colors to be seen in any flower. Some are pure white, others crimson, brindled, light and dark blues, pinks and so on, while others show a most entrancing combination: spotted, striped, blotched, stained, pencilled, bordered; variegated, in fact, in almost every conceivable manner. The leaves alone would almost appear beautiful enough, with their richly marbled and variegated white and green.

- 2362—Imperialis (Japanese). Finest Mixed. Oz. 50c, pkt. 10c.

Rochester Sky Blue

We consider the Rochester Sky Blue ever-blooming Morning Glory the acme of perfection in color of all the numerous varieties of climbing Morning Glories. The vines make very rapid growth and form an excellent cover for bare or unsightly spots and for trellises and verandahs they are unexcelled. The flowers are borne in profusion from the base to the tip of the vine, and the exquisite beauty and tint of the large sky blue flowers can rightly be described as a dream of loveliness impossible to portray in words.

- 2368—Pkt. 10c.
2367—Noctiflora (Moon Flower) alba. Large white flowers. 10 ft. to 15 ft. Pkt. 10c.
2369—Bona Nox (Evening Glory). Opens its blooms in the evening, large white flowers. 15 ft. Pkt. 5c.
2370—Setosa (Brazilian Morning Glory). A vigorous climber, covers an immense area, large rose colored flowers with pink centre. 10 to 20 ft. Pkt. 10c.

"He is happiest who hath power to gather wisdom from a flower."

Baby Golden Glow

2281—This is a most effective annual. Seed is best started inside and the plants transplanted to the garden at the proper time. They will begin blooming at once, making a most symmetrical and compact growth and showing hundreds of brightest blossoms as double and as perfect as roses. Nothing but the famous Golden Glow itself can equal it for a display. Grows only two feet high, flowering early and profusely. Mixed—Yellow and White. Pkt. 5c.



Gaillardia



Helianthus

Photographed by A. E. McKenzie Co., Ltd.



Double Hollyhocks

Photographed by A. E. McKenzie Co., Ltd.



Lupinus

Lupinus

Particularly adapted to borders.

Hardy Annual and Perennial plants of striking appearance with conspicuous flowers in terminal racemes. The bushy plants with their long handsome spikes furnish an excellent background to a flower bed. All varieties of this attractive plant are of easy culture in any garden soil.

2435—Annuals, fine mixed. 3 ft. June-Aug. Oz. 25c, pkt. 5c.

2436—Arboreus Snow Queen (H.P.) Very fine pure white spikes. 3 ft. Pkt. 10c.

2437—Polyphyllus (H.P.). Blue. 3 to 6 ft. Pkt. 5c.

2438—Polyphyllus albus. White. 3 to 6 ft. Pkt. 5c.

2440—Subcarnosus (Texas Blue Bonnet) (H.A.). A charming dwarf variety, flowers azure blue. Excellent for front of border. 1 ft. Pkt. 10c.

Photographed by A. E. McKenzie Co., Ltd.



Mignonette

California Poppy

(Eschscholtzia)

Unexcelled for Gorgeous and Dazzling Display

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and comes into bloom soon after its appearance above ground. It stands considerable cold and remains blooming after the first frost. Very attractive as an edging because of its intersected and bluish foliage. The plants grow bushy and 12 to 24 inches high. In sunshine the petals open up to their fullest, and altogether it is as charming an annual as one could wish for.

2188—Burbank's Crimson. A very handsome variety. Oz. 40c, pkt. 5c.

2189—Carmine King. An intense carmine rose. Oz. 60c, pkt. 5c.

2190—Golden West. Orange yellow, large. Oz. 40c, pkt. 5c.

2191—Mandarin. Orange shaded crimson. Oz. 40c, pkt. 5c.

2192—Rose Cardinal Carmine rose. Oz. 40c, pkt. 5c.

2182—Californica. Bright yellow. Oz. 30c, pkt. 5c.

2183—Californica. Alba, white. Oz. 30c, pkt. 5c.

2197—Single Mixed. Oz. 25c, pkt. 5c.

2212—Double Mixed. Oz. 25c, pkt. 5c.

Kochia

(Summer Cypress)

(Mexican Fire Bush) (H.A.) All the Rage Everywhere

Once to be found grown occasionally in some garden, to-day its use is almost general. It grows to a perfect symmetry and uniform shape, makes one of the most beautiful hedges and borders imaginable. The lovely green color has a wonderfully enhancing appearance along the walk, against buildings, backgrounds, foregrounds, in fact, it seems to be in just the right spot wherever placed. Very easily grown, sown thinly in spring, shoots up quickly. On the approach of Autumn the whole plant becomes a deep red.

2381—Tricophylla. Pkt. 10c.

Marigold

(Tagetes) (H.A.)

The Favorite of our Grandmothers

These old garden favorites are eminently suited for massing in gardens. The variety listed as "Legion of Honor" is the dwarfest of the type and is a charming plant to use for edgings as it blooms continuously and grows only 6 to 8 inches high. The African flowers with their large and perfectly double blooms are symmetrical in shape and the French types have been selected from plants showing even and well-defined striped double flowers in shades of brilliant gold, orange and brown. They provide a wealth of bloom of striking appearance.

The seed we offer has been saved exclusively from exhibition blooms.

2456—African Gold Nugget. Golden yellow. Pkt. 10c.

2457—African Lemon Ball. Soft lemon yellow. Pkt. 10c.

2458—African El Dorado. Large quilled, of perfect double form, in all shades of yellow. Pkt. 10c.

2459—African. Double finest mixed. Pkt. 5c.

2460—French. Compact gold striped, beautiful markings, stripes well defined. Pkt. 10c.

2462—French. Dwarf, finest mixed. Pkt. 5c.

2463—French Legion of Honor. Single flowers, attractively marked on a golden yellow background. Pkt. 5c.

Mignonette

An Old Time Favorite Flower

This universally esteemed fragrant flower still retains its hold on the affections of the public. Invaluable for cutting, and when massed in flower borders it is also well adapted for pot culture for winter blooming.

The improved varieties noted below acquired by close and painstaking selection are the very best in cultivation to-day, producing handsome trusses of immense size and fragrance.

Successional sowings are recommended when a constant supply of bloom is required. For winter flowering sow seed in pots during July and August and thin out.

2491—Bismarck. Huge trusses of reddish colored flowers. Pkt. 10c.

2492—Golden Queen. Large golden yellow spikes. Oz. 90c, Pkt. 10c.

2493—Machet. Fine bold spikes of reddish flowers. A general favorite. Oz. 90c, pkt. 10c.

2494—Victoria. Forms attractive trusses of bright red flowers. Pkt. 10c.

2495—White Pearl. The best of all the whitish flowers. Pkt. 10c.

2490—Grandiflora. Oz. 25c, pkt. 5c.

Nemesia

(H.A.) Rivals the Lobelia

This is an exceptionally striking border, pot or window-box plant of very compact growing habit.

It is very free flowering with rich rare colors in shades of rose, white, scarlet, or yellow with the lower petal usually lipped or marked in another contrasting color; continuing in bloom for a very long time; grows about 12 inches high.

2615—Dwarf Compact Hybrids, choice mixed. Pkt. 15c.

Lobelia

Crystal Palace Compacta (H.H.A.)

2427—While not the equal to Lobelia Tenuior, it makes an ideal flower for hanging baskets and window boxes. The blossoms, deep rich blue in color, have a conspicuous white eye, giving a strikingly attractive contrast. The plant is exceedingly graceful.

Pkt. 10c.

Lobelia (Tenuior)

(H.H.A.)

A Highly Decorative Plant for Window Boxes, Hanging Baskets, Verandahs, etc.

2431—This meritorious and delightful flower is a native of Western Australia and is much prized for its rich decorative qualities.

It makes an ideal plant for hanging baskets, supplying a succession of large, deep, rich blue flowers with a conspicuous white eye; a very pleasing contrast.

The foliage is graceful and light in texture, which enhances its charm considerably. Per pkt. 10c.

Photographed by A. E. McKenzie Co., Ltd.



Kochia

I received some seeds through Mr. Bruser of Macklin, ordered special from your catalog, and they turned out fine. I particularly liked the Nemesia. A.W.A. CARSCADDEN Macklin, Sask. 26th Aug., 1916

NASTURTIIUMS

Photographed by A. E. McKenzie Co., Ltd.

DWARF LILLIPUT

Makes an excellent plant for edges of borders. Of miniature size and very compact, smaller even than the *Tom Thumb*. The *dainty foliage* and flowers are *quite unique* and *graceful*, whilst, thanks to the energy and perceptibility of the *hybridizer*, blossoms can be procured in almost every pleasing shade.

	Pkt.	oz.	1/4 lb.
2575—Baby Rose. Pure white with deep rose markings.....	.5	.20	.50
2576—Fairy Queen. Light, marked with lavender.....	.5	.20	.50
2578—Queen of Holland, Hybrids. Light yellow to black purple, all blotched (new).....	.5	.20	.50

TOM THUMB

This dwarf growing Nasturtium is perhaps the most generally grown, and it succeeds everywhere with little or no care.

2581—Aurora. A beautiful terra cotta.....	.5	.25	.60
2582—Beauty. Yellow with scarlet markings.....	.5	.25	.60
2587—King of Tom Thumb. Bright scarlet.....	.5	.25	.60
2588—King Theodore. Deep crimson.....	.5	.30	.65
2592—Ruby King. Ruby red, salmon tinted.....	.5	.30	.65
2593—Spotted King. Dark yellow with brown spots.....	.5	.25	.60
2594—Vesuvius. Deep salmon rose.....	.5	.25	.60
2595—McKenzie's Choice Mixed.....	.5	.25	.60

VARIEGATED LEAF

Enthusiastic lovers of Nasturtiums hailed with delight this introduction.

Unquestionably the Variegated-leaved are without a rival with beautiful and pleasing leaf markings of white, cream, gold green, etc., and their gorgeous colored flower.

2539—Dwarf, Crystal Queen. Primrose, narrowly striped.....	.5	.20	.50
2545—Tall (Lobb's), Queen Wilhelmina.....	.5	.20	.50
2546—Tall (Tobb's), McKenzie's Choice Mixed.....	.5	.20	.50

IVY LEAF

No praise can be too high for this lovely creation. It has proven a surprise and delight to all who have grown it.

The plants in habit are similar to both the dwarf and tall varieties of the ordinary types. The leaves are a delicate English Ivy leaved form, while the flowers are striking yet daintily fringed.

2547—Dwarf, Othello. Deep maroon.....	.5	.20	.50
2548—Dwarf, Butterfly, Bright golden yellow.....	.5	.20	.50
2549—Dwarf, McKenzie's Choice Mixed.....	.5	.20	.50
2550—Tall, Flamingo. Orange scarlet.....	.5	.20	.50
2552—Tall, McKenzie's Choice Mixed.....	.5	.20	.50

GOLDEN LEAF

This Nasturtium has created widespread interest everywhere by its wonderful foliage and lovely hue of colors. Being so radically different from the ordinary type, the Ivy-leaved or the Variegated-leaved, it has proved their equal in popularity.

The leaves are of a beautiful clear golden yellow. In growth the plant is similar to other dwarf varieties.

2553—Cloth of Gold. Brilliant scarlet.....	.5	.20	.50
2554—Golden Midnight. Deep maroon.....	.5	.20	.50
2555—Golden Rose. True rose.....	.5	.20	.50
2557—Golden Pearl. Sulphur yellow.....	.5	.20	.50
2558—McKenzie's Choice Mixed.....	.5	.20	.50

LOBB'S CLIMBING

Grows very rapidly, but the foliage and flower are smaller and more delicately shaped than the preceding. It is equally desirable as it embraces many beautiful varieties with a wide range of coloring.

2560—Golden Queen (new). Pure golden yellow.....	.5	.20	.35
2561—Lucifer. Very dark scarlet.....	.5	.20	.35
2563—McKenzie's Choice Mixed.....	.5	.20	.30
2565—Rudolph Virchow. Charming ruby color with rich yellow calyx and spurs.....	.5	.20	.35

TALL OR CLIMBING

This is the type of Nasturtium so extensively used for window boxes, verandahs, stone piles, walls, fences and unsightly locations. Our seed is of exceptionally robust growth, it gets away to a quick start and produces rapid, strong growing vines and profuse bloom.

2566—Coccineum. Bright scarlet.....	.5	.20	.60
2567—Dunnett's Orange.....	.5	.20	.60
2568—Heinemanni. Chocolate.....	.5	.20	.60
2570—King Theodore. Rich crimson.....	.5	.20	.60
2571—Pearl. Cream white.....	.5	.20	.60
2574—McKenzie's Choice Mixed.....	.5	.20	.60

Nigella

(Miss Jekyll)

2632—This is somewhat of a marvel amongst flowers, so fascinating in fact that the Hispanica types are usually known as "Love in a Mist," while this particular type is so handsome, its appearance so winsome and hypnotizing as to regale in the highly expressive name of "Devil in a Bush."

The beautiful large bright blue flowers of cornflower shape, 1½ inches across, appear in double form, borne on long stems, interspersed gracefully among the exquisite fern-like foliage. Pkt. .10.

2633—New White. Pkt. .10.

Hope I have good luck again this year. One year ago I had the best garden from your Seed in the whole settlement.

Jan. 17, 1916.

FRANK C. LEWIS,

Ormans, Sask.

I always use your seed with good results.

H. PELLETIER,

St. Rose, Man.

The seeds I got from you were very satisfactory and seem to be among the best for being grown in Saskatchewan.

Oct. 1.

MRS. M. M. KIRK,

Hasenmore, Sask.



Nasturtium

Photographed by A. E. McKenzie Co., Ltd.



Pyrethrum

Pyrethrum (Prized for its Extreme Earliness)

The special value of the Pyrethrum is unquestionably its extreme early flowering habit, being one of the first to bloom in the spring. This is a particularly good quality when it is used for borders. For decorative purposes and house bloom it is prized highly. When planted in groups their symmetrical shape, charming flowers and profusion of bloom are both effective and handsome. Resembles the Aster and Chrysanthemum in appearance, lasts longer when cut, blooms and flourishes under rough weather conditions.

2819—Hybridum Grandiflorum Single. Large flowering types, blooms measure 3 to 4 inches across. Finest mixed. Pkt. 10c.

Photographed by A. E. McKenzie Co., Ltd.

McKENZIE'S GIANT PANSIES

(Viola Tricolor Maxima) (H.P.) Truly a Plant for the Million

We make a specialty of Pansies, we spare neither time nor money in hunting the world over for its best types—its purest strains, the newest creations of merit and the strongest fully matured seed.

If you want the grandest display, the most striking colors, the most perfect flowers, send us your order; we know a trial will please you and win for us your everlasting goodwill and patronage. (See illustration.)

- 2665—Giant Adonis. Light blue, with deep blue blotches on lower petals. Pkt. 10c.
 2666—Giant Emperor Franz Joseph. A new white with large violet spots. Pkt. 10c.
 2667—Giant Fire King. Lower petals golden blotched magenta, upper petals purple, very showy. Pkt. 10c.
 2668—Giant Golden Queen. Pure deep yellow, no eye Pkt. 10c.
 2669—Giant Indigo Blue. Very rich blue. Pkt. 10c.
 2670—Giant Madame Perret. Wine shade on white ground, very showy. Pkt. 10c.
 2671—Giant Prince Bismarck. Light brown, black eye, very showy. Pkt. 10c.
 2672—Giant Vulcan. Brilliant dark red, with beautiful large black spots. Pkt. 10c.
 2673—McKenzie's Giant. Mixed gorgeous shades and colors, 1/2 oz. \$2.00. 1/4 oz. \$1.25. Pkt. 10c.

Giant Pansy Mixtures

The undermentioned varieties of Pansies are of international reputation, and being so well known the sale of each reaches huge proportions and continues to increase each year.

- 2677—Bugnot's Large Blotched. A very beautiful class, large flowers with broad blotches; great diversity of handsomest and rarest colors. Pkt. 10c.
 2678—Bugnot's Private Strain. Saved from best selected plants, an incomparable strain, producing many beautiful and rare varieties. Pkt. 15c.
 2679—Cassier's Giant. The largest of all blotched Pansies; very showy and of unsurpassed quality. Pkt. 10c.
 2680—Parisian Large Stained. Of immense size, mostly white ground and fine blotched contains many fancy colors. 1/4 oz. \$1.25, pkt. 10c.
 2681—Masterpiece. A superb new class of blotched Pansies, the flowers are really gigantic and are invariably ruffled or undulated; a decidedly attractive race and quite an innovation. Pkt. 15c.
 2682—English Prize Show. A very choice strain. 1/4 oz. \$1.10, pkt. 10c.

Giant Petunia Gigantic, Rich, Beautiful Flowers

Petunias succeed nicely in our Prairie Soils—some of the most magnificent types ever grown are found right in the West.

They give a constant supply of the richest and most brilliant flowers of gigantic size, many measuring 5 inches across, from earliest summer until late frost. Beautifully fringed and ruffled, the diversity of color, plain and in unlimited combinations, ranges from pure white to deepest maroon. Sow indoors or in open very early in the spring, exercising care to cover seed lightly, for if sown too deep they will not grow.

- 2724—McKenzie's Giant Double Fringed. Choice mixed. Pkt. 25c.
 2723—McKenzie's Giant Single Fringed. Choice mixed. Pkt. 25c.

Phlox Drummondii (One of the easiest flowers to grow)

The "Grandiflora" types produce very large flowers, but the habit is more straggly than the "Nana Compacta" which is dwarf and forms very compact and well shaped plants, profusely decorated with a mass of blooms. This Half Hardy Annual is easy to grow, thriving in any good garden soil but prefers plenty of sunshine.

- 2729—Drummondii Grandiflora Atropurpurea albo-oculata, a fine deep purple flower with striking eye. Pkt. 10c.
 2731—Drummondii Grandiflora Chamois. Rose with white eye, a charming flower. Pkt. 10c.
 2732—Drummondii Grandiflora Kermesina Splendens. Vivid crimson, very bright and effective. Pkt. 10c.
 2734—Drummondii Grandiflora Snow White. A pure white of good substance. Pkt. 10c.
 2735—Drummondii Grandiflora. Finest mixed. 1/2 oz. 50c, pkt. 10c.
 2741—Nana Compacta cinnabrina. A brilliant scarlet self. Pkt. 10c.
 2742—Nana Compacta coccinea. A glowing fiery red self. Pkt. 10c.
 2743—Nana Compacta Fireball. An extra fine variety, color blood red. Pkt. 10c.
 2745—Nana Compacta Snowball. A pure white, of good quality. Pkt. 10c.
 2746—Nana Compacta Splendens. A bright crimson with a decided white eye. Pkt. 10c.
 2747—Nana Compacta Choice Mixed Pkt., 10c.
 2748—Nana Compacta Cicely finest mixed. Of dwarf habit, producing very large flowers on compact plants. When in full bloom, make a charming display, the flower heads being immense. A decided acquisition and a novelty of merit. 1/4 oz. 85c, pkt. 10c.

Poppy (Papaver) Gorgeous and Dazzling

Poppies are easily grown and should, whenever possible, be sown where they are intended to flower, as they do not stand transplanting successfully.

Single Annuals

- 2768—Admiral. (Pæony Flowered) white with broad brilliant scarlet band, very effective. Pkt. 5c.
 2769—Burbank's New Santa Rosa. (Shirley) finest mixed, a magnificent strain and will give a most pleasing display of gorgeous brilliant blooms. Oz. 60c, pkt. 10c.
 2770—Dainty Lady (Pæony Flowered). Flowers are very large, frequently measuring 5 inches across, color rosy mauve, deeply blotched in the centre of each petal. Quite distinct. Pkt. 10c.
 2771—Miss Sherwood (Pæony Flowered). Petals satiny white shading to chamois rose. A striking combination; flowers immense. Pkt. 5c.

Double Annuals

- 2782—Ariel (Pæony Flowered). A charming early variety; color salmon red on white ground, outer petals garnished at the base with a lilac blotch. Pkt. 10c.
 2783—Laciniatum "Shrimp Pink". Flowers of immense size and beautifully fringed, lacinated petals. Pkt. 15c.



Pansies

Giant Trimardeau Pansy

This strain is recognized as one of the best, most perfect, most beautiful and varied pansies ever introduced. The flowers are beautifully gold-edged, blotched and pencilled in the most delicate shades and markings.

The Trimardeaus are an exceptionally showy class of vigorous and compact growth and the flowers are of immense size, fully equalling that of the Giant varieties.

This is one of the freest blooming pansies there is.

- 2674—Trimardeau. White with purple eye. Pkt. 10c.
 2675—Trimardeau. Yellow with black eye. Pkt. 10c.
 2676—McKenzie's Trimardeau. Finest mixed. 1/2 oz. \$2.00. 1/4 oz. \$1.25, pkt. 10c.

Photographed by A. E. McKenzie Co., Ltd.



Phlox

Large Flowering Ten Week Stocks

The largest of all the large double types

The remarkably perfect flowers of this type, produced from one end of the great West to the other, amply substantiates our oft repeated declaration that the Canadian West is the ideal climate and soil for stocks.

The large double flower, much like a double rose, waxy of texture, varying in colors from white to deep red has a fragrance most delicate and exquisite.

It is of compact growing habit, very profuse bloomer, and of extreme hardiness.

We have been most painstaking in the selection of seed, using selected plants, grown in pots, hand fertilized and rogued in order to produce seed with higher percentage of double flowers than those produced from field grown stocks.

2892—Large Flowering Dwarf Ten Week. Pure white. $\frac{1}{4}$ Oz. \$2.00, pkt. 10c.

2893—Large Flowering Dwarf Ten Week. Blood red. Pkt. 10c.

2894—Large Flowering Dwarf Ten Week. Crimson. Pkt. 10c.

2895—Large Flowering Dwarf Ten Week. Light blue. Pkt. 10c.

2896—Large Flowering Dwarf Ten Week. Purple. Pkt. 10c.

2897—Large Flowering Dwarf Ten Week. Flesh pink. Pkt. 10c.

2898—Large Flowering Dwarf Ten Week. Scarlet. Pkt. 10c.

2899—Large Flowering Dwarf Ten Week. Superb mixed. $\frac{1}{4}$ Oz. \$1.75, pkt. 10c.

2900—Dwarf Ten Week "Snowflake" the earliest of the whites, excellent for pot culture with spikes of large snow white flowers of superb substance. Pkt. 15c.

2901—Princess Alice. A perpetual or branching variety with beautiful large spikes. An excellent sort for cutting, and if seed is sown early will produce a constant supply of bloom throughout the summer. Pkt. 10c.

Schizanthus (Butterfly Flower)

Wisetonensis Hybrids

The many delicate colorings enhance the beauty of the flower with their delicate cut or fringed petals. There are many varied colors, chiefly light shades, ranging from white with delicate rose markings to pink with brown centres. Makes an excellent pot plant, is suitable for decorative purposes as well as an effective border plant. The strain we offer of this charming flower is absolutely first class.

2886—Choice mixed. Pkt. 25c.

Sweet William

A Beautiful Colored, Sweet Scented Flower (Dianthus barbatus)

A general favorite and held in high esteem. As a border plant it has few equals, being very showy, especially when planted in clusters and as the brilliant colored flowers are borne in umbels the stalks radiating from one point, quite a charming effect is created. Our mixture contains quite an assortment of colors, for besides self, some of the flowers have a striking white eye, surrounded by rose, pink or some other color on the outer portion of the petal. The flowers are very fragrant and floriferous. The improved forms we are offering are much superior to the old types; the individual flowers are larger and more rounded in shape, with colors more distinct and refined. A hardy biennial. $1\frac{1}{2}$ feet high.

3072—Single Pink Beauty. Salmon pink flowers, highly attractive. Pkt. 10c.

3073—Single Scarlet Beauty. A rich scarlet, an exquisite and dazzling color. Pkt. 15c.

3074—Single Finest Mixed. 1 oz. 30c, pkt. 5c.

3075—Double White. Extra choice strains. Pkt. 10c.

3076—Double Blood Red. Extra choice strains. Pkt. 10c.

3077—Double Mixed. Of well assorted colors. Pkt. 10c.

Ricinus Zanzibarensis

(Castor Oil Plant) Ornamental and Useful

A very attractive tall growing, branching plant of vigorous habit; foliage bronze color changing to dark green, red ribs. Highly recommended as a decorative plant, singly or in bed centres, giving a rich tropical effect. Seeds should be planted in May or sown singly in pots in early Spring and afterwards transplanted.

2832—Mixed. Oz. 20c, pkt. 5c.

Verbena (McKenzie's Large Flowered)

A decidedly Captivating Flower

One of the dear old flowers that will always be popular both for garden and house. It has no equal for constant profuse flowering, brilliancy and beauty of colors. Fewer plants are better liked and give more satisfaction; strong, healthy, and vigorous. By sowing inside and transplanting, you get a very early bloom, continuing until after first frost.

3092—McKenzie's Large Flowered. Striped colors. Pkt. 10c.

3094—McKenzie's Large Flowered. White. Pkt. 10c.

3097—McKenzie's Large Flowered. Choice mixed. Pkt. 10c.

McKenzie's Superb Zinnia

Perfect Doubles Exquisite Shade Splendid Sizes
(See illustration).

No amount of praise is too great for this popular favorite. Flowers throughout the entire summer and early fall, producing an abundance of large double blossoms which are varied and of brilliant colors. Each bloom lasts about six weeks before fading. The Zinnia is a very free grower and of robust habit. Does well under most all conditions. Each plant blooms in a striking manner and a complete mass of bloom at all times. For perfect doubleness, splendid size, variety and shades are unsurpassed.

3159—McKenzie's Mammoth Flowered. Choice double mixed. Pkt. 10c. $\frac{1}{2}$ oz. 60c, oz. \$1.00.

Lilliput. The small neat pompom flowers arranged on miniature bushes of compact habit are very showy.

3161—Double. Finest Mixed. Pkt. 10c, $\frac{1}{2}$ oz. 60c, oz. \$1.00.

Kindly order by number and price only.

Photographed by
A. E. McKenzie
Co., Ltd.



Stocks

Photographed by
A. E. McKenzie
Co., Ltd.



Zinnia

"I have found this—after four score years I maintain this—that there is NO recreation which brings so much happiness and brightness to a man's life as the recreation of Horticulture."—Dean Hole

McKenzie's Superior Flower Seeds—Best for the West

ABBREVIATIONS

The undernoted initials bear the following significations:

H.A.—Hardy Annuals. H.P.—Hardy Perennials.
H.H.A.—Half Hardy Annuals. H.H.P.—Half Hardy Perennials.

- ABRONIA** (Sand Verbena) (H.H.A.) A charming trailing plant suitable for hanging baskets and rock-work. Flowers of a rose pink color. Sweet scented, July-August.
- 1601—*Umbellata grandiflora*. Pkt. **.05**
- ABUTILON** (Chinese Bell Flower) (G.P.) The bell-shaped flowers vary in color from pure white, orange and rose, blooms profusely; of easy culture. From early spring sowing plants will flower first season. March-October.
- 1606—*Finest Mixed*. Pkt. **.10**
- ACROCLINIUM** (H.A.) A popular "Everlasting," greatly esteemed for winter bouquet work. The flowers should be gathered young; 1 ft. July-Sept.
- 1621—*Album*. Single white. Pkt. **.05**
- 1622—*Roseum*. Single rose. Pkt. **.05**
- 1623—*Mixed*. Single. Pkt. **.05**
- ADONIS** (Flos Jovis or Pheasant's Eye) (H.A.) Of easy culture, flowers deep crimson; a free bloomer; 1 ft. July-Aug.
- 1628—*Estivalis*. Pkt. **.05**
- AGERATUM**—(Floss Flowers) (H.H.A.) A very useful bedding plant, suitable for edging, lasts in flower a long time; does not fade; 6 to 12 inches. July-Sept.
- 1633—*Mexicanum*. Blue. Pkt. **.05**
- 1634—*Mexicanum album*. White. Pkt. **.05**
- AGROSTEMMA** (Rose of Heaven) (H.A.) Very attractive rose colored flowers of easy culture; 1 ft. July-August.
- 1641—*Coeli rosa*. Pkt. **.05**
- 3103—*ALOYSIA citriodora*. See Verbena.
- AMARANTHUS** (H.A.) Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors; a striking contrast and very effective; should be grown in a sunny situation: 3 to 4 ft. July-Sept.
- 1653—*Caudatus* (Love Lies Bleeding) Drooping panicles of deep crimson flowers. Pkt. **.05**
- 1654—*Tricolor Splendens* (Joseph's Coat) Foliage red, yellow and green. Pkt. **.10**
- 1655—*Mixed*. Per oz. **.30c**. Pkt. **.05**
- 1650—*Ampelopsis Veitchii* (Japan or Boston Ivy). A hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green brownish color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. Pkt. **.05**
- ANAGALIS** (Pimpernelle) *grandiflora* (H.H.A.) The small flowers are very attractive. Fine for edging, pots, etc.; 6 inches. July-Sept.
- 1660—*Finest mixed*. Pkt. **.05**
- ANTHEMIS** (Hardy Marguerite) (H.P.) A very free flowering border plant. Useful for table decoration, flowers golden yellow; 1½ ft. July-Sept.
- 1676—*Kelwayi*. Pkt. **.10**
- AQUILEGIA** (Columbine) (H.P.)
- 1700—*Chrysantha*. Golden yellow, long spurred, single. Pkt. **.10**
- 1701—*Skinneri*. Yellow, green, orange; single. Pkt. **.10**
- 1703—*Double Mixed*. Contains a wide range of colors. Pkt. **.05**
- ARCTOTIS** (African Daisy) (H.A.) Of handsome appearance the flowers are large and floriferous and are borne on long stems well above the foliage; color pure white on the upper surface; the reverse side is a pale lilac with a yellow zone in centre; 1½ ft. July-Sept.
- 1713—*Grandis*. Pkt. **.10**
- ARGEMONE** (Mexican or Prickly Poppy) (H.A.) A very showy plant, the foliage is thistle-like, spotted white. The flowers are immense, frequently measuring 4 inches across; of various shades of white and yellow, of easy culture but prefers a sunny position; 2 to 3 ft. July-August.
- 1718—*Grandiflora hybrids*. Mixed. Pkt. **.05**
- ASPERULA**. Adapted for rockeries and borders and succeeds best in shady situations. The leaves when dried impart a hay-like scent and will keep the insects from clothes: 6 to 12 inches. July-Aug.
- 1733—*Azurea setosa* (H.A.) The small fragrant lavender flowers combined with graceful and light foliage make it prized for cutting. Pkt. **.05**
- 1738—*Odorata* (Sweet Woodruff) (H.P.) An old favorite esteemed for its fragrant leaves, flowers pure white. Pkt. **.05**
- ASTER** (H.H.A.) One of the most popular bedding plants in cultivation, suitable for decorative purposes, with a fine array of color; 6 inches to 2 ft. July-Sept.
- Vicks' Branching**. Resembles the Paeony, flowered, of vigorous habit; the blooms are large and graceful and are borne on very long stems, making them suitable for cutting; 18 inches.



Cockscomb
Empress



Corn Flower



Calliopsis Tinctoria

ABBREVIATIONS

The undernoted initials bear the following significations:

H.C.—Hardy Climbers. H.B.—Hardy Biennials.
H.H.C.—Half Hardy Climbers. G.P.—Greenhouse Plants.

ASTER (continued)

- 1803—*Finest mixed*. Pkt. **.10**
- Queen of the Market**. The earliest flowering variety, ready to cut two weeks before any other; of branching habit, flowers large and prolific bloomer; excellent for growing under glass; 1½ ft.
- 1805—*Finest mixed*. Pkt. **.05**
- Washington or Giant Victoria**. Resembles Victoria but larger, with petals more loosely arranged. Flowers average 5 inches in diameter. A superb variety; 1½ ft.
- 1813—*Finest mixed*. Pkt. **.10**
- New Christmas Tree**. Plants branch horizontally, bearing from 70 to 100 flowers. Very effective for beds or pots: 1½ ft.
- 1818—*Finest mixed*. Pkt. **.10**
- Triumph**. Paeony-shaped flowers of miniature size Adapted for pots and beddings; 1 ft.
- 1823—*Finest mixed*. Pkt. **.10**
- Japanese or Tassel**. A charming variety of the Chrysanthemum flowered type. Immense double flowers, petals long, narrow and twisted; 15 inches high.
- 1828—*Finest mixed*. Pkt. **.10**
- Chrysanthemum Flowered Dwarf**. Producing large, perfect, double flowers; 1 ft.
- 1833—*Finest mixed*. Pkt. **.05**
- Mignon**. A small type of Victoria, extremely floriferous fine for cutting; 1 ft.
- 1835—*Finest mixed*. Pkt. **.10**
- Betteridge's Prize Quilled**. Large double flowers distinct: 2 ft.
- 1843—*Finest mixed*. Pkt. **.05**
- Siensis Single**. Strikingly effective and increasing in popularity each year as a contrast to the double varieties. Flowers produced on long stems, suitable for decorative work; 1½ ft.
- 1845—*Finest mixed*. Pkt. **.05**
- AUBRETIA** (H.P.) A pretty dwarf hardy Alpine plant, producing clusters of rosy carmine flowers; 4 inches. June-July.
- 1870—*Leichtini*. Pkt. **.15**
- AURICULA** (H.P.) Saved from prize strain. Very popular bedding and pot plant. Flowers produced in umbels; 6 inches.
- 1885—*Extra choice mixed*. June-July. Pkt. **.25**
- BACHELOR'S BUTTON**. See *Centaurea Cyanus*.
- BET** (H.H.A.) Their attractive foliage adds lustre to a flower border.
- 1891—*Ornamental Chilian scarlet*. Pkt. **.05**
- 1892—*Ornamental Chilian yellow*. Pkt. **.05**
- BEGONIA** (H.H.P.) Unquestionably one of the most attractive bedding and pot plants, remaining in bloom throughout the summer. Sow seed under glass in February for flowering in July. 1 ft. July-Sept.
- 1897—*Tuberous rooted*. Single choice mixed. Pkt. **.15**
- 1898—*Tuberous rooted*. Double choice mixed. Pkt. **.25**
- 1899—*Gracilis*. McKenzie's Special Mixture. Pkt. **.15**
- 1900—*Semperflorens Vernon*. Charming blood red flowers with dark foliage. Pkt. **.15**
- 1901—*Rex*. Ornamental foliage of red, bronze, green, etc. Pkt. **.50**
- BELLIS PERENNIS** (Double English Daisy) (H.P.) Invaluable for border edging. If sown early will bloom same season. 4 inches. June-Sept.
- 1906—*Mammoth White*. Double. Pkt. **.10**
- 1907—*Longfellow*. Double rose. Pkt. **.10**
- 1908—*Double Mixed*. Pkt. **.10**
- 1909—*Double Quilled*. Mixed. The petals are elegantly twisted, making the flowers very attractive. Pkt. **.25**
- BRACHYCOMBE** (Swan River Daisy) (H.A.) Useful border plant, flowers white and blue, 6 inches. July-Sept.
- 1914—*Iberidifolia*. Mixed. Pkt. **.05**
- BROWALLIA** (Amethyst) (H.A.) Grows freely, abundant bloomer, flowers white, blue and purple, with glossy foliage. 1½ ft. July-August.
- 1919—*Elata*. Pkt. **.05**
- CALCEOLARIA** (Slipper Flower) (G.A.) An unrivalled strain. The flower heads are large and well developed, of exquisite shades. Mostly self spotted and striped. Plants are well shaped, and flower profusely throughout spring and summer. 1 ft. May-Nov.
- 1929—*McKenzie's Superb Mixture*. Pkt. **.50**
- CALENDULA** (Pot Marigold) (H.A.) Makes a very fine border plant; universally popular. Flowers are large and striking. 1 to 1½ ft. July-Sept.
- 1935—*Officinalis fl. pl.* Meteor, double yellow, striped lemon. Pkt. **.05**
- 1936—*Officinalis fl. pl.* Prince of Orange. A darker shade than Meteor. Pkt. **.05**
- 1937—*Officinalis fl. pl.* A choice double strain, mixed. Pkt. **.05**

"That Exchange is best which gives both parties the greatest possible benefit."

CALENDULA (continued)

1938—*Pluvialis* (Cape Marigold) White, under side of petals lilac, single flowers. Pkt.05

CALIFORNIA Poppy. (See *Eschscholtzia*).

CALLIOPSIS (H.A.) Popular border plant, useful for cutting; flowers all summer. 2 ft. July-Sept.

1943—*Tinctoria*. Golden yellow. Pkt.05

1944—*Golden Ray*. New and distinct; flowers bright brown and golden yellow, bushes compact and generally covered with a dense mass of bloom.

Pkt.05

1945—*Star of Fire*. Pkt.05

1946—*Fire King*. Pkt.05

CAMPANULA (*Harebell*) (H.P.) One of the most popular of the hardy border plants, and should be included in all herbaceous beds.

1949—*Carpatia*, blue, broadly bell-shaped, in loose panicles. 12 inches. July-Sept. Pkt.05

1950—*Carpatia alba*. White. Pkt.05

1951—*Macrantha*. Blue, a hybrid form with hairy stems, 3 ft. July-Aug. Pkt.05

1955—*Pyramidalis*. A most beautiful and stately blue flower. Suitable for pot or garden culture. 3 ft. July-Sept. Pkt.05

1956—*Pyramidalis alba*. The white form of the preceding. 3 ft. July-Sept. Pkt.05

CANARY BIRD CREEPER (H.C.) An annual climber of merit, a quick grower, with canary yellow butterfly-like flowers. July-Sept.

1959—*Canariensis*. Oz. 30c. Pkt.05

CANNA (*Indian Shot*) (H.P.) Highly effective when planted in clumps or groups; also adapted for pot culture. 3 to 6 feet. Aug.-Sept.

1974—*Choicest Mixed*. Pkt.10

CANTERBURY BELL (H.B.) Very effective in borders. If sown early under glass will flower first season. 3 ft. July-Sept.

1982—*Single Mixed*. A variety of color. Pkt.05

1983—*Double, Finest Mixed* (*Hose in Hose*). An unequalled strain. Pkt.10

CARDIOSPERMUM (*Balloon Vine*) (H.C.) A rapid annual climber. Flowers are white, followed by seed pods which are balloon-shaped. Prefers a warm sunny situation. July-Sept.

1985—*Halicacabum*. Pkt.05

CASTOR OIL PLANT. See *Ricinus*.

CENTAUREA. These are classified as hardy annuals and perennials. Very effective in the garden. 1½ ft. July-Sept.

2011—*Americana*. (H.A.) Easily the largest flowered of all. Flowers measure 3 inches or more in diameter and of an attractive shade of lilac. Worthy of a place in all gardens. Pkt.10

2012—*Americana alba*. Same as preceding except in color. Creamy white flowers. Pkt.10

2015—*Candidissima* (H.P.) Very attractive lacinated foliage, broad and silvery. Useful for edging hanging baskets, etc.10

2016—*Gymnocarpa* (H.P.) The foliage is closer notched than the preceding.10

Cyanus Minor (*Bachelor's Button*) (H.A.) The German national flower. Single flowers, adapted for cutting.

2013—*Emperor William* (H.A.) Bright blue (sky). Pkt.05

2014—*Mixed*. Oz. 30c, pkt.05

CHRYSANTHEMUM. The single and double form of this popular annual are always in great request as a cut flower. For flower beds they are invaluable. The annual varieties must not be confounded with the autumn flowering or perennial sorts.

2020—*Tricolor atrococcineum* (H.A.) Dark scarlet flowers. 2 ft. July-Sept. Oz. 25c, pkt.05

2021—*Tricolor Burdigeanum* (Lord Beaconsfield) (H.A.) White and rose. 2 ft. July-Sept. Oz. 25c, Pkt.05

2022—*Tricolor Eclipse* (*Chamelon*) (H.A.) A light coppery bronze, with a bright purplish crimson zone, the blackish purple disc encircled with golden yellow. 2 ft. July-Sept. Pkt.05

2023—*Frutescens* (*Paris Daisy* or *Marguerite*) (H.P.) An established favorite; flowers on slender erect stems, with pure white ray florets surrounding a yellow disc. 2 ft. July-Sept. Pkt.05

2024—*Inodorum plenissimum* (H.A.) A mass of bloom. Flowers double; of a pure snow white color. 1½ ft. July-Sept. Pkt.05

2025—*Maximum* (*Shasta Daisy*) (H.P.) Suitable for herbaceous border. Flowers are large, pure white with yellow disc, edge of petals notched. Useful for table decoration 3 ft. July-Sept. Pkt.10

CINERARIA HYBRIDA. A greenhouse annual, greatly in demand as a pot plant in the spring; used for decorative purposes. This mixture contains a large variety of color; all shades of white, violet, blue and crimson. Cannot be excelled for size and quality. 1 ft. March-April.

2031—*McKenzie's* large flowered prize strain, mixed. Pkt.50

CINERARIA (continued)

2036—*Stellata* (*Star Cineraria*) (G.P.) This miniature form is hard to beat for cutting and all kinds of decorative work. Blooms freely, and for gracefulness is incomparable. 1½ ft. Nov.-April. Finest mixed. Pkt.50

CLARKIA (H.A.) Very popular and fine for cutting. Colors: white, rose and purple. 1½ ft. July-Sept.

2041—*Pulchella*. Single mixed. Pkt.05

2042—*Elegans*. Double mixed. Pkt.05

COBAEA (*Mexican Ivy*) (H.H.P.) A rapid perennial climber, which easily attains the height of 20 to 30 ft. Flowers are blue, large and bell-shaped. Most attractive. Can be treated as a half hardy annual. July-Sept.

2047—*Scandens*. Pkt.05

COLEUS (H.H.P.) Leaves richly variegated. Ornamental foliage plant. 1 to 3 ft.

2052—*Finest mixed*. Pkt.15

COLLINSIA BICOLOR (H.A.) Suitable for bedding. Shades of white, violet and blue. 1 ft. July-Sept.

2057—*Mixed*. Pkt.05

CONVOLVULUS (*Climbing Morning Glory*) (H.A.) The well-known climber of rapid growth. Essentially the plant for covering walls or unsightly places. Flowers profusely. June-Sept.

2062—*Major mixed*. Oz. 15c, pkt.05

2063—*Minor mixed* (*Dwarf Morning Glory*) (H.A.) 1 ft. June-Sept. Oz. 15c, pkt.05

2064—*Mauritanicus* (H.P.) A beautiful trailing plant, suitable for hanging baskets. 1 ft. July-Sept. Pkt.05

CORNFLOWER. See *Centaurea Cyanus*.

COSMOS (H.A.) This popular flower comes into bloom when other flowers are on the wane, and thus increases the duration of brilliancy of colors in the garden. Flowers are large and produced on long stems, and are suitable for decorative purposes. 4 to 5 ft. Aug.-Sept.

2074—*Lady Lennox*. Immense flowers, measuring frequently 4 to 5 inches in diameter; color a beautiful shell pink, of good substance. Pkt.10

2075—*Extra Early Flowering*. An improved strain which by careful selection will produce flowers in August, and will continue to flower until frost arrives. All shades of red and white. Pkt.10

CYCLAMEN (G.P.) One of the best indoor plants for vases, table decoration, etc. The flowers stand well above the foliage, are very graceful and of brilliant colorings in all shades of red, and pure white. 9 in. Nov.-April.

2080—*Persicum*, a very good strain, choice mixed. Pkt.10

2081—*Persicum giganteum*, superb strain mixed flowers of immense size, and strikingly handsome. *McKenzie's* choicest mixed. Pkt.25

CYPRESS VINE. See *Ipomoea*.

DAHLIA (H.H.P.) A very attractive plant producing a constant supply of flowers from Aug.-Sept. 3 to 5 ft.

2086—*Double*, choice mixed. Pkt.10

2087—*Cactus*, choice mixed. Pkt.15

2088—*Pompon*, choice mixed. Pkt.10

2089—*Single*, choice mixed. Pkt.05

Giant Perfection. Large and graceful. In great request for table decoration.

2091—*Single*, choice mixed. Pkt.10

DAISY, English. See *Bellis Perennis*.

Shasta. See *Chrysanthemum maximum*.

DIGITALIS (*Foxglove*) (H.B.) *Gloxiniiflora*, suitable for borders. 4 ft. July-Sept.

2142—*Choicest mixed*. Pkt.05

DOLICHOS (*Hyacinth Bean*) (H.A.) A rapid climber with cluster of bean-like flowers. Aug.-Sept.

2162—*Mixed*. Pkt.05

EDELWEISS. See *Gnaphalium*.

ERYSIMUM (H.A.) Charming dwarf annual, bright reddish orange flowers with lance-shaped leaves. 1 ft. July-August.

2177—*Perofskianum*. Pkt.05

EVERLASTINGS. See *Helichrysum*.

2480—*Evening Scented Stock*. See *Matthiola*.

FLAX. See *Linum*.

FORGET-ME-NOT. See *Myosotis*.

FOUR O'CLOCK. See *Marvel of Peru*.

FOXGLOVE. See *Digitalis*.

FUCHSIA (G.P.) Suitable for the house or shady border, pendant flowers. 3 to 8 ft. March-Oct.

2217—*Single and double choicest mixed*. Pkt.25

GERANIUM (*Crane's Bill*) (G.P.) The well-known pot plant. 1 to 3 ft. May-Nov.

2235—*Apple scented*. Leaves very odoriferous. Pkt.25

GERANIUM (continued)

2236—*Zonale*. Fine mixed. Pkt.10

2237—*New Large Flowering or Show* (*Pelargonium*)

Choicest mixed. Pkt.25

GERBERA (*Transvaal Daisy*) *Jamesoni* hybrids (G.P.) One of the latest floral novelties, unprecedented for its beauty; colors range from pure white to yellow, orange, pink, scarlet and crimson. Flowers are produced on long stems and last in bloom two weeks after cutting. Distinctly an artistic ornament for the table. Will flower first season if sown early 1 to 1½ ft. July-Sept.

2242—*Choicest mixed*. Pkt.50

GEUM (H.P.) An excellent border plant with dark crimson flowers. 1 ft. July-Sept.

2247—*Atrosanguineum fl. pl.* Pkt.05

GILIA (H.A.) Shades of lavender, yellow and white useful for beds. 1 ft. July-Sept.

2252—*Tricolor*. Dwarf mixed. Pkt.05

GNAPHALIUM (*Edelweiss*) (H.P.) An Alpine plant suitable for rock work. The Swiss National flower 6 to 9 in.

2267—*Leontopodium*. Pkt.15

GOETIA (H.A.) Merits its popularity, very free flowering, fine for bedding, imparting a gay appearance to the border. 1 ft. July-Sept.

2272—*Duchess of Albany*. Satiny white. Pkt.05

2273—*Duchess of Fife*. White, spotted carmine. Pkt.05

2274—*Gloriosa* (*Lord Roberts*). Dark glowing red. The darkest of all. Pkt.05

2275—*Lady Alhermale*. Dark crimson. Pkt.05

2276—*Lady Satin Rose*. Bright carmine, extra rich color. Pkt.05

2277—*Finest mixed*. Oz. 50c, pkt.05

GOURDS (*Cucurbita*) ornamental (H.A.) Vines of rapid growth, suitable for covering verandahs, arbors, etc.

2282—*Dipper*. Very useful. Pkt.05

2283—*Hercules Club*. Long, tapering towards the stem end. Pkt.05

2284—*Japanese Nest Egg*. Useful, color white. Pkt.05

2285—*Mixed*. Pkt.05

HELICHRYSUM (*Everlastings*) *monstrosum* (H.H.A.) Flowers are large and bright in color. Should be cut when partially opened. 1½ ft. July-Sept.

2312—*Double mixed*. Pkt.05

HELIOTROPE (*Cherry Pie*) (H.H.P.) *Mammoth* Flowering. The well-known fragrant flower; the heads frequently measure 12 inches in diameter. Seed sown early will produce flowers in the summer. 2 ft. Aug.-Sept.

2318—*Choice mixed*. Pkt.10

HESPERIS. See *Sweet Rocket*.

HONESTY (*Lunaria biennis*) (H.B.) Very ornamental, much prized for decorative purposes, the silvery seed pods give a charming effect when interspersed in a bouquet. 2 ft. July-Aug.

2342—*Choice mixed*. Pkt.05

HUMULUS (*Japanese Variegated Hop*) (H.A.) A rapid hardy climber suitable for covering verandahs, logs of wood, etc. Flowers greenish yellow. 15 ft. July-Sept.

2347—*Japonicus variegatus*. Pkt.10

HUNNEMANNIA (*Giant Yellow Tulip Poppy*) (H.A.) This variety is the most prolific of all the Poppy family. A succession of bloom can be assured from May sowings, commencing about the middle of July and continuing until late in the fall. Flowers are cup shaped, large, golden yellow and very attractive, the colorings of the wavy petals being enhanced by the clusters of bright orange red stamens in the centre. 2 ft. July-Sept.

2352—*Fumariocfolia*. Pkt.10

HYACINTH BEAN. See *Dolichos*.

IBERIS (*Hardy Candytuft*) (H.P.) An excellent rock or border plant with a mass of small delicate lilac flowers which bloom in early spring. June-July.

2357—*Gibraltarica*. Pkt.10

ICE PLANT. See *Mesembryanthemum crystallinum*.

KAULFUSSIA (H.A.) A charming border plant with deep blue ray florets encircling a blue or yellow disc. 12 inches. July-Sept.

2376—*Amelloides*. Pkt.05

LANTANA hybrids (H.H.P.) Suitable as a pot or bedding plant. Flower heads of verbena-like shape in shades of orange, white, rose, etc. 2 ft. July-Sept.

2386—*Choicest mixed*. Pkt.05

- LARKSPUR (H.A.)** A most desirable flower in the garden. The handsome spikes of closely formed flowers produced in brilliant hues demonstrate its value as a showy border plant. 1 to 2 ft. July-Sept.
- 2391—Dwarf Double Rocket. A splendid array of colors. Choice mixed. Oz. 35c, pkt. .05
- 2392—Double Stock Flowered or Tall Branching. An unsurpassable strain of amazing beauty. Oz. 35c. Choice mixed. Pkt. .05
- 2393—Dwarf Candelabrum. Fine double mixed. Pkt. .05
- LATHYRUS (Everlasting Pea) (H.P.)** A very free growing climber, blooms profusely, flowers odorless. 6 to 8 ft. July-Sept.
- 2398—Latifolius mixed. Pkt. .05
- LAVATERA (Tree Mallow) (H.A.)** Very showy border plant with large saucer-shaped flowers in red and white. 2 ft. July-August.
- 2405—Splendens—Sunset.
- 2404—Mixed. Pkt. .05
- LEMON VERBENA.** See Verbena.
- LEPTOSIPHON French Hybrids (H.A.)** An attractive border plant suitable for edgings, all shades of color. 9 inches. July-Sept.
- 2409—Mixed. Pkt. .05
- LINARIA (Toadflax) (H.A.)** A charming border plant, flowers golden yellow and purple, the contrast between the two colors having a pleasing effect; dwarf habit. 2 to 4 ft. July-Sept.
- 2414—Reticulata aureo purpurea. Pkt. .05
- 2415—Cymbalaria (Kenilworth Ivy or Mother of Thousands) (H.P.) A graceful dwarf trailing plant with branches 2 ft. long, suitable for hanging baskets, vases, etc.; flowers lavender and purple with yellow centre, and short spurs. July-Sept. Pkt. .10
- LOBELIA.** The most effective of all border plants for edging and carpet bedding. Plants are compact and free flowering, remaining in bloom all the summer. 4 to 12 in.
- 2428—Emperor William (H.H.A.) Light blue, compact. 1/4 oz. \$1.00, pkt. .10
- 2429—White Gem (H.H.A.) White. Pkt. .10
- 2430—Cardinalis (H.H.P.) The dazzling scarlet flowers immediately attract attention in a flower border. 1 ft. July-Aug. Pkt. .15
- LOVE'S GROVE.** See Nemophila.
- LOVE IN A MIST.** See *Nigella hispanica*.
- LOVE LIES BLEEDING.** See *Amaranthus caudatus*.
- LUNARIA BIENNIS.** See Honesty.
- LYCHNIS (Campion) (H.P.)** An herbaceous plant of merit. 2 to 3 ft. June-Sept.
- 2445—Chalcedonica. Dazzling scarlet flowers. Pkt. .05
- 2446—Haageana Hybrids. Extra large flowers, shades of scarlet, orange, etc., superior strain. Pkt. .10
- MALOPE (H.A.)** An excellent bedding plant. 2 ft. July-August.
- 2451—Grandiflora. Mixed. Pkt. .05
- MARVEL OF PERU (Four o'clock) (H.A.)** A bushy plant, bright, attractive flowers. 2 ft. June-August.
- 2469—Choice mixed. Oz. .25, pkt. .05
- 2470—Variegated leaves. Choice mixed. Oz. 40c, pkt. .05
- MATRICARIA (Double White Feverfew) eximia nana fl. pl. (H.A.)** Excellent for the front of a border, stems are procumbent and form with the foliage a dense carpet. 1 ft. July-Sept.
- 2475—Choice mixed. Pkt. .05
- MATTHIOLA (Evening Scented Stock) (H.A.)** Flowers of lilac shade usually fragrant in the evening 1 ft. July-August.
- 2480—Bicornis. Oz. 40c, pkt. .05
- MESEMBRYANTHEMUM (Ice Plant) (H.H.A.)** Dwarf trailing plants with icy-looking foliage flowers white; requires plenty of sun. 6 inches. July-August.
- 2485—Crystallinum. Pkt. .05
- MIMOSA (Sensitive Plant) (H.H.A.)** A peculiar plant which closes its leaves at the slightest touch. Flowers pink. 1 1/2 ft. July-Sept.
- 2500—Pudica. Pkt. .05
- MIMULUS (Musk) (H.H.P.)** Small yellow flowers with fragrant foliage. 6 inches. July-Sept.
- 2505—Moschatus. Pkt. .05
- 2510—Tigrinus grandiflorus (Monkey Flower) Large mottled flowers, suitable for pots, rockeries, etc. Prefers a damp situation. 6 inches. July-Sept. Pkt. .05
- MOMORDICA (Balsam Apple) (H.H.A.)** A rapid climber, producing apple-shaped fruits. 15 ft. Sept.
- 2515—Balsamina. Pkt. .05

MONK'S HOOD. See *Aconitum*.

MOON FLOWER. See *Ipomoea*.

MORNING GLORY. See *Ipomoea* and *Convolvulus*.

MONKEY FLOWER. See *Mimulus*.

MOURNING BRIDE. See *Scabious*.

MUSK. See *Mimulus*.

MYOSOTIS (Forget-me-not) (H.P.) Will flower first year if seed is sown early. Fine for edging. 6 to 12 inches. July-August.

2520—Alpestris. Bright blue, fragrant towards evening. Pkt. .05

2522—Alpestris Victoria. Sky blue, dwarf, the best for pots. Pkt. .10

2523—Palustris. Azure blue flowers borne in racemes. Pkt. .10

NEMOPHILA (Love Grove) (H.A.) Compact habit, much valued for their gay appearance. 6 to 12 in. July-Sept.

2620—Fine mixed. Oz. 25c, pkt. .05

NICOTIANA (Tobacco Plant) (H.H.A.) 2 to 3 ft. July-Sept. Pkt. .05

2625—Affinis. White, sweet scented. 2 to 3 ft. July-Sept. Pkt. .05

2627—Sanderæ. A bright carmine, quite distinct. Pkt. .10

NIGELLA (Love in a Mist) Hispanica (H.A.) The blue and white flowers have a peculiar appearance. Foliage feathery green. 1 to 2 ft. July-August.

2631—Mixed. Pkt. .05

NOLANA (Chilian Bell Flower) (H.A.) A dwarf growing plant of procumbent form. Flowers funnel-shaped, of a beautiful blue color, white in the centre. Suitable for pot and border culture. 6 inches. July-Sept.

2637—Grandiflora. Pkt. .05

ENOTHERA (Evening Primrose) (H.A.) Fine bushy plants, showing and free flowering. 9 to 12 inches. July-Sept.

2642—Rosea Mexicana. The smallest of the species, flowers rose color, usually more expanded early in the morning and late in the evening. Pkt. .05

2647—Taraxacifolia alba (Acaulis) Large white flowers, with narrow tube, becoming red with age. Pkt. .10

ORNAMENTAL GRASSES

In large demand for bouquet work, and ornamental in the garden.

AGROSTIS (H.A.) Very graceful panicles of flowers; one of the best for bouquet work. 1 ft.

2652—Nebulosa. Pkt. .05

AVENA (Animated Oats) (H.A.) A valuable adjunct for the table decoration. 1 1/2 ft.

2653—Sterilis. Pkt. .05

BRIZA (Quaking Grass) (H.A.) A graceful species for bouquets with spikelets of straw color, hanging gracefully at the end of long stems. 1 ft.

2654—Maxima. Pkt. .05

BROMUS (Brome Grass) (H.A.) Drooping panicles on slender hanging stalks; suitable for bouquets. 1 1/2 ft.

2655—Brizæformis. Pkt. .05

COIX (Job's Tears) (H.A.) Small pearly seed heads standing above the broad foliage. 2 ft.

2656—Lachryma. Pkt. .05

ERAGROSTIS (Love Grass) (H.A.) A natural grass for bouquets, light and graceful. 1 ft.

2657—Elegans. Pkt. .05

HORDEUM (Squirrel tail grass). Very graceful and feathery, useful winter decoration. 1 1/2 ft.

2651—Jubatum. Pkt. .05

LAGURUS (Hare's Tail Grass) (H.A.) Small white, hairy or woolly flower heads, adapted for decorative purposes especially when cut before ripe, as they last longer. 1 ft.

2658—Ovatus. Pkt. .05

ORNAMENTAL GRASSES. The foregoing collection.

2661—Mixed. Pkt. .05

PAEONY (H.P.) An excellent plant for herbaceous borders, imparting a vivid impression on account of the size and quality of the flowers. 3 1/2 ft. July-Sept.

2662—Choice mixed. Pkt. .10

PANSY Giant (H.P.)

Bedding Varieties

2695—Emperor William. Cornflower blue with three purple violet blotches, very fine. Pkt. .05

2696—Gold Margined. Very fine. Pkt. .05

2697—King of the Blacks. A lustrous jet black; an extra fine strain. Pkt. .05

2698—Lord Beaconsfield. A purple violet, top petals white; splendid. Pkt. .05

2699—President Carnot. White, each petal blotched, violet, very fine. Pkt. .05

2700—Striped and Mottled. An extra fine strain. Pkt. .05

2701—Victoria. A wine-red, a superb color. Pkt. .05

2702—Fine mixed. Highly recommended. Oz. \$1.00, 1/2 oz. 75c, 1/4 oz. 45c, pkt. .05

Tufted or Scotch Pansies. See *Viola*.

PAPAVER. See Poppies.

PENTSTEMON (H.P.) The seed has been saved from a very choice collection. The *Gloxinia*-like flowers are very large; produced in long handsome spikes, varying in shades of white, purple, rose, pink, and scarlet. Beautifully marked and veined. A handsome border plant. 2 ft. Aug-Sept.

2707—McKenzie's choice large flowered hybrids mixed. Pkt. .10

PETUNIA (H.H.P.) The bedding varieties are always popular, as they last for a long time in bloom, and flower profusely. Plants are dwarf and compact and are suitable for pot culture. 1 to 3 ft. July-Sept. Hybrids. A good selection of varied colors.

2718—Single choice mixed. Pkt. .05

2719—Howard's Star. Single bicolor, purple and white. Pkt. .10

2720—Adonis. Carmine with white throat; single. Pkt. .10

2721—Snowball. Pure white, single. Pkt. .10

2722—Dwarf Inimitable. Striped and blotched, very effective. Pkt. .10

PHLOX (H.H.A.) A popular bedding plant. 1 to 1 1/2 ft. July-Sept.

2750—Drummondii mixed. A good strain. Oz. 75c, pkt. .05

2751—Cuspidata (Star Phlox) Choice mixed. Pkt. .10

2752—Perennials (H.P.) Saved from large flowered varieties. Finest mixed. Pkt. .10

PIMPERNELLE. See *Anagallis*.

PINKS. See *Dianthus*, Specialties, page 69.

PLATYCODON (Japanese Bell Flower) (H.P.) Very graceful and charming flowers. Immensely attractive when planted in mixed borders. 1 1/2 ft. July-Sept.

2708—Grandiflora. Blue. Pkt. .10

2709—Grandiflora alba. White. Pkt. .15

2710—Grandiflora Mariesi. Large, open, bell-shaped, deep blue flowers. Pkt. .15

POLYANTHUS (H.P.) A popular border plant; blooms in umbels in early spring. 6 inches. June-July.

2762—Gold laced. Pkt. .10

POPPY. No other flower produces such vivid and dazzling colors. Very effective in the border. 1 to 4 ft. July-Sept.

Single Annual Varieties

2767—McKenzie's Selected Strain Shirley contains many charming colors.

Mixed. Oz. 50c, pkt. .05

2772—The Bride. Pure white Paeony flowered. Pkt. .05

2773—Mephisto. Scarlet with black spots, Carnation flowered. Pkt. .05

2774—Danebrog. Scarlet, blotched silvery white, Carnation flowered. Pkt. .05

2775—Glaucum (Tulip Poppy) Outer petals vivid scarlet, shaded orange with violet black stamens; abundant bloomer. Pkt. .05

2776—Loevigatum. Dark scarlet, black spots at base, with a border of the white around the edges. Pkt. .05

Double Annual Varieties.

2781—Carnation flowered. Mixed. Oz. 30c, Pkt. .05

2785—Japanese Pompon. Petals are exquisitely curled. Pkt. .05

Perennial Varieties

2790—Bracteatum. Scarlet, similar to the Orientale. Pkt. .05

Nudicaule (Iceland Poppies) Very graceful, incomparable for table decoration. Many delicate and pretty shades.

2791—Mixed. Pkt. .10

2793—Orientale. Single Hybrids. The largest of all poppies; brilliant colors.

Finest mixed. Pkt. .10

McKenzie's Seeds—Direct from the Grower to the Sower.

PORTULACA (Purslane) (H.A.) An exceptionally fine bedding plant; withstands the heat well. 6 inches. July-Sept.

2798—Finest Single Mixed. Oz. 50c. pkt. .05
2799—Finest Double Mixed. Pkt. .10

PRIMULA. An excellent pot plant. The hardy perennial varieties are also suitable for rockeries, etc.

Sinenais (Chinese Primrose) (G.A.) Large flowered fringed. 6 in. Sept-April.

2804—Single Choice mixed. Pkt. .25
2805—Double choice mixed. Pkt. .50

OBCONICA (G.P.) Cluster of flowers produced on long stems, perpetual flowering. 9 in.

2806—Grandiflora. Pkt. .15
2807—Japonica (Japanese Primrose) (H.P.) Very hardy flowers; blue, borne in clusters. 1 ft. June July. Pkt. .10
2809—Vulgaris (Common Primrose) (H.P.) Yellow. 6 inches. June-July. Pkt. .10

PYRETHRUM (Golden Feather) (H.H.P.) An ideal plant for edge of borders. Flowers yellow; grown for its attractive foliage. 6 inches.

2814—Aureum. Pkt. .05

RESEDA. See Mignonette.

RHODANTHE (Straw Flower) (H.A.) An everlasting. Suitable for bouquets. Plant in border or pots. 1½ ft. July-August.

2826—Manglesi. Soft rosy pink with yellow centre. Pkt. .05
2827—Mixed. Pkt. .05

ROCKET SWEET. See Hesperis. (Also Sweet Rocket).

RUDBECKIA (Cone Flower) For cutting, these hardy annual and perennial plants would be difficult to excel, the flowers lasting a long time. An excellent border plant, showing up well in mixed borders. 2 to 5 ft. July-Sept.

2837—Speciosa bicolor (H.A.) Single yellow flowers with blackish purple conical disc. Pkt. .05
2839—Golden Glow (H.P.) Increases in popularity each season; flowers large double, of a sulphur-yellow color. Excels for decorative purposes. Pkt. .10

SALPIGLOSSIS grandiflora (H.A.) One of the most popular border plants. The large Petunia-shaped flowers which are richly veined and marked, present a charming sight when planted in clusters. 2 ft. July-Sept.

2844—Choice mixed. ½ oz. \$1.50. pkt. .05

SALVIA (Scarlet Sage) (H.H.P.) The dense mass of dazzling scarlet flowers are a source of admiration in the garden. The flowers are produced in sturdy, compact bushes, and at a distance the density of bloom gives a beautiful brilliant effect impossible to describe. Flowers first year from seed sown under glass in Feb. or March. 1 to 3 ft. Aug-Sept.

2849—Bonfire. Erect spikes of bright scarlet flowers. Pkt. .10

2850—Lord Fautleroy. Dwarf, compact bushes, deep red flowers. Pkt. .10
2851—Splendens. A flaming red. Pkt. .10
2852—Patens (Blue Sage) Deep blue flowers. Makes an attractive pot plant; of dwarf habit, quite unique. Pkt. .15

SCABIOSA (Pincushion Flower) (Mourning Bride) Invaluable as a cut flower. Suitable for borders; the flowers are borne on long erect spikes and afford a fine display all summer. 2 to 3 ft. July-Sept.

2857—Double Large Flowering. (H.A.) Comprises a grand assortment of color. Highly recommended. Mixed. pkt. .05

2858—Dwarf Double. (H.A.) Produces a gorgeous array of flowers.

Mixed. pkt. .05

SCHIZANTHUS (Butterfly Flower, or Poor Man's Orchid) (H.H.A.) Unsurpassed for bouquets and buttonholes, and excels as a border plant. Of branching growth; flowers in profusion. 1½ to 2 ft. July-Sept.

2865—Grahami. Rose colored flowers, underlip yellow, tinged with lilac. Very floriferous; a popular shade. Pkt. .05

2867—Large Flowered. Saved from very large flowers of exquisite colors.

Finest mixed. Pkt. .10

SEA LAVENDER. See Statice.

SENSITIVE PLANT. See Mimosa pudica.

SHASTA DAISY. See Chrysanthemum Maximum.

SILENE (Catchfly) (H.A.) A compact plant, producing single and double flowers of extreme beauty and gracefulness. 6 inches. July-Sept.

SILENE (continued)

2872—Pendula compacta, Snow King, pure white, very dwarf. Pkt. .05
2873—Pendula compacta, double mixed, extra choice. Oz. 30c. pkt. .05

SNAPDRAGON. See Antirrhinum.

SOLANUM (Jerusalem Cherry) (H.H.P.) A popular pot plant of dwarf compact growth, producing bright red berries of globular form throughout the winter and spring. 1 to 2 ft.

2878—Capsicastrum. Pkt. .05

STATICE (Sea Lavender) (H.P.) A charming perennial border plant, fine for cutting. Flowers will last throughout the winter when dried. Produced in umbels on long stiff stalks. 1 ft. July-Sept.

2885—Incana nana. Pale blue and white, dwarf habit. Mixed. Pkt. .05
2886—Latifolia. Pale lavender, very popular. Pkt. .05

STEVIA (H.H.A.) Adapted for pot or border culture. Flowers may be obtained throughout summer and winter. Fine for cutting. 1½ to 2 ft.

2883—Serrata. Pkt. .05

STOCKS. The well-known bedding and pot plant with densely covered spikes of sweet scented double flowers. The winter flowering varieties may be treated as annuals, and usually have a high percentage of double flowers. 1 to 2 ft. July-Sept.

Ten Week (H.H.A.) In variety.

2807—Beauty of Nice (H.B.) Large beautiful spikes of delicate flesh pink. Pkt. .10
2908—Crimson King (H.B.) Tall long spikes of a splendid rich crimson color. ½ oz. \$1.50. pkt. .10
2909—Brompton or Winter (H.P.) A superb mixture of double flowers. ¼ oz. \$1.50. pkt. .15
2910—White Lady (H.B.) A large flowering Brompton Stock about 20 inches high, and arrayed in remarkably handsome foliage. Very double flowers of a lustrous snowy white. It blooms early and remains a long time in flower. Pkt. .15
2911—East Lothian (H.B.) An unexcelled strain, with handsome double spikes, flowering in the autumn when the Ten Week Stocks are practically over. Choice mixed. Pkt. .15

STOKESIA (Cornflower Aster) (H.P.) This variety merits attention. It is of easy culture and will flower first year from seed when sown early, but requires a sunny position in the garden. The flowers are invaluable for cutting, measuring 4 inches or more in diameter; of a handsome lavender blue shade. Makes an ideal border plant. 2 ft. Aug-Sept.

2916—Cyanea. Pkt. .15

SUNFLOWER. See Helianthus, page 71.

SWEET PEAS in variety and mixture. See Specialties, pages 62 to 65.

SWEET ROCKET (H.P.) An old fashioned border plant, spikes in colors of white, purple and lilac. Very showy. 2 to 3 ft. July-Sept.

3062—Mixed. Pkt. .05

SWEET SULTAN (H.A.) Popular hardy bedding plant; flowers freely and lasts fresh a long time in water; of easy culture; very sweet scented. 2 to 3 ft. July-Sept.

3067—White. Pkt. .05
3068—Dark Purple. Pkt. .05
3069—Yellow. Pkt. .05

TAGETES

3082—Signata pumila. Pkt. .05

THUNBERGIA (Black-eyed Susan) (H.H.A.) A quick grower, but requires a sunny position; useful for covering verandahs, suitable for hanging baskets. Various shades of white, yellow and buff; fragrant. 4 ft. July-Sept.

3087—Fine mixed. Pkt. .05

TROPAEOLUM canariense. See Canary Bird.

VERBENA (Vervain) (H.H.P.) A great acquisition to any flower garden. Commence blooming in spring, and supply a mass of flowers in terminal spikes in many charming shades throughout the summer. Flowers are produced in clusters which are decidedly captivating to the eye. Sweet scented. 6 to 15 in. July-Sept.

3099—Hybrida mixed. Oz. \$1.00, ½ 60c. oz. .05
Pkt. .05

3100—Erinoides (Moss Verbena) (H.A.) Produces a mass of moss-like foliage of spreading dwarf habit. The purplish flowers are borne in trusses and are produced in abundance throughout summer and autumn. Pkt. .05

3101—Erinoides alba. White, same form as preceding. Pkt. .05

3102—Venosa (Hardy Green Verbena) (H.P.) Blackish violet in umbel-like heads, fine for groups or edging. Sow early, as seeds germinate slowly. Pkt. .05

VERBENA (continued).

3103—Lemon (Aloysia citrodora) (H.H.P.) Very fragrant foliage which when dried retains its aroma for a long time. It is equally suitable for borders in the summer, and pot culture in winter. Flowers small and whitish, or pale lilac on slender spikes. Pkt. .10

VERONICA (Speedwell) (H.P.) A hardy border plant with erect dense spikes of light blue flowers with long purple stamens. 1½ ft. July-Aug.

3108—Spicata. Pkt. .10

VINCA (Madagascar Periwinkle or Old Maid) (H.H.A.) A well-known bedding plant, also suitable for pot culture. Plants of erect habit, with glossy foliage. A free bloomer. 1 ft. July-Aug.

3113—Rosea. Bright rose. Pkt. .10
3114—Rosea alba. White, with distinct rosy eye. Pkt. .10

VIOLA (Tufted Pansies) (H.H.P.)

Scotch Prize. Cannot be excelled for border edging. Very free flowering, giving a constant supply of flowers of lovely shades throughout the summer. Sow early for flowering same year. 6 inches. July-Sept.

3119—Finest mixed. Pkt. .10
3120—Odorata (Sweet Violet) Sweet scented. Mixed. Pkt. .10

VIRGINIAN STOCK (H.A.) One mass of flowers all summer. 6 inches.

3124—Mixed. Oz. 20c. pkt. .05

VISCARIA Oculata (H.A.) Flowers profusely; of a bright red color, compact bushes of a dwarf growth. Fine for cutting. 1 ft. July-August.

3129—Dwarf Perfection. pkt. .05

WALLFLOWER (H.H.P.) A harbinger of spring; flowers very fragrant. 1 ft. June.

3134—Single Extra Early Parisian. Will flower first year if sown early. Mixed. Pkt. .10
3135—Single blood red. Pkt. .05
3136—Single Harbinger, very early, brown. Pkt. .05
3137—Single fine mixed. Pkt. .05

Double Dwarf. A very fine strain, producing magnificent spikes of all shades of color.

3139—Finest Mixed. Pkt. .10

WILD CUCUMBER. See Echinocystis.

WILD FLOWER GARDEN (H.A.)

3143—Assorted colors. Pkt. .05

XERANTHEMUM (H.A.) Everlasting flowers for winter decoration. July-August.

3148—Double Mixed. Pkt. .05

ZEA (H.A.) Leaves beautifully striped with white, rose and yellow; very effective in the border. 3 to 4 ft.

3153—Japonica Variegata. Oz. 20c. pkt. .05

ZINNIA (H.H.A.) Very showy. The large globular flower heads in many shades of color are very gorgeous, and make quite an attractive display in a mixed border or when massed together. 1 to 2 ft. July-Sept.

3158—McKenzie's Dwarf Flowering Varieties. Superb Mixture. Oz. 50c. pkt. .05
3166—Curled and Crested. Petals are twisted and curled, giving the flowers a peculiar and fantastic appearance. Double mixed. Pkt. .10

FLOWERING PLANTS

	Postpaid	Dozen	100
Pansy.....	\$0.75	\$4.75	
Geranium. Assorted.....	2.00	14.00	
Heliotrope. Mixed.....	2.00	14.00	
Aster. Assorted.....	.65	4.25	
Lobelia. Best dwarf.....	.65	4.25	
Marigold. Mixed.....	.65	4.25	
Nasturtium. Dwarf or Tall ..	.65	4.25	
Petunia. Choice mixed.....	.65	4.25	
Phlox. All colors.....	.65	4.25	
Pinks, Dianthus.....	.65	4.25	
Pyrethrum.....	.65	4.25	
Stocks.....	.65	4.25	
Verbenas. Assorted colors.....	.65	4.25	
Zinnias.....	.65	4.25	

We do not ship Flowering and Bedding plants until about June 10th, for the soil, as a rule, is not warm enough to permit of transplanting before that time. The gain in vigor to the plants more than compensates for shipping at this date.

IMPORTANT

to think the arrangement and general classification will appeal to every buyer of seeds.

It is our sincere wish that every Farmer and Gardener who desires to obtain the finest quality in Seeds of all kinds will retain this McKenzie Catalog—our twenty-first annual—for reference as required. Our aim has been to make it more helpful than any of its predecessors and we venture to the plants more than compensates for shipping at this date.

McKenzie's "Gold Standard"—the hall-mark of quality.



Planet Jr. Garden Tools

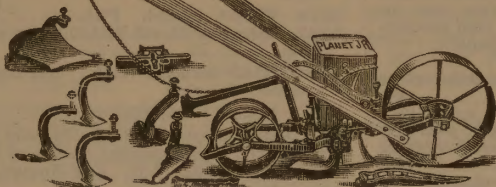


Prices on this Page are f.o.b. Brandon, except where otherwise noted.
The New "PLANET JR." Catalog is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools, and a rapid change frame.

Holds $2\frac{1}{2}$ Quarts of Seed
Price Complete
\$15.50
Weight 50 lbs.
As Seeder Only
\$13.00

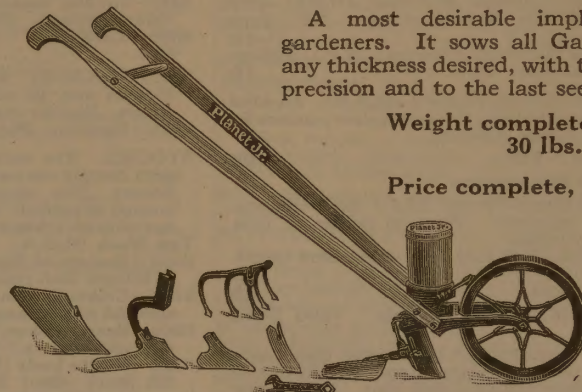


No. 31 Planet Jr. New Combined Drill Seeder, Cultivator and Plow

A most desirable implement for gardeners. It sows all Garden Seeds any thickness desired, with the greatest precision and to the last seed.

Weight complete, packed,
30 lbs.

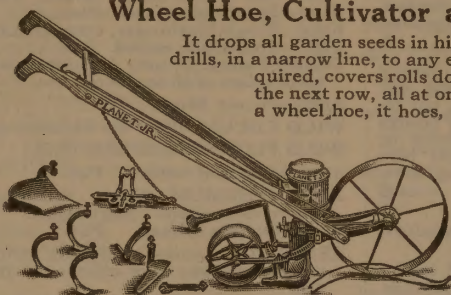
Price complete, **\$10.50**



No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

It drops all garden seeds in hills and sows in drills, in a narrow line, to any exact depth required, covers rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops completing a row at every passage, up to 16 inches in width.

Hold over 2 Quarts of Seed
Price, Complete
\$19.50
Weight, packed,
64 lbs.



No. 3 Planet Jr. Hill and Drill Seeder

The thickness of seed is regulated by an accurate index with brass screw indicator; it contains the names of the important seeds, and is carefully graduated both for hills and drills. In plain view at the top of Handle.

Holds $2\frac{1}{2}$ Qts. of Seed
Price
\$15.25
Weighted, Packed,
61 lbs.



No. 17 $\frac{1}{2}$ Planet Jr. Single Wheel Hoe

The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device by which to exchange the tools without removing nuts. The pair of 6-inch hoes three cultivator teeth and leaf lifter which go with it, are all the finest of their kind



Steel Frame

Price **\$6.75**

Weight 20 lbs.

No. 14 Planet Jr. Double Wheel Disc Hoe, Cultivator and Plow

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil-tempered discs on either side.

Price with Attachments,
as in cut, **\$12.25**
Weight 38 lbs



No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

The index contains the names of the principal seeds. The drill is set right for any seed when the name appears through the slot. The change is made by opening the cam, sliding the band to the required place, then closing it.

Holds 3 Pints of Seed
Price, with Tools, as shown, **\$14.00**
As a Seeder only (No. 2) Price **\$11.25**

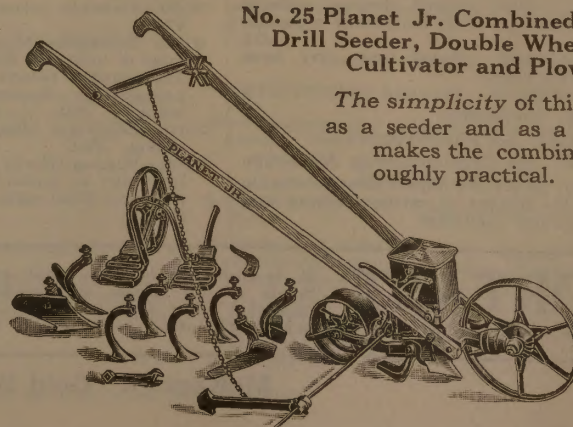


Weight, Packed,
47 lbs.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

The simplicity of this tool, both as a seeder and as a wheel hoe, makes the combination thoroughly practical.

Price
\$18.50
Weight, packed
61 lbs.
Holds $2\frac{1}{2}$ Quarts of Seed





Planet Jr. Garden Tools



All Prices on this page are f.o.b. Brandon, except where otherwise noted.



No. 81 Planet Jr. Horse Hoe Cultivator and Hiller Combined

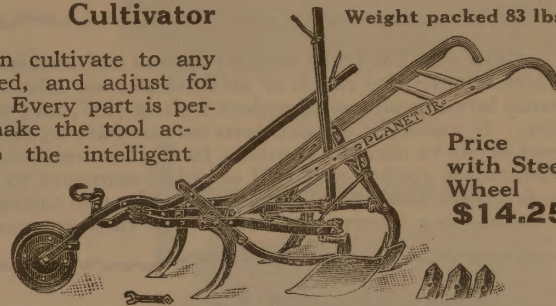
Has six 3-in. cultivator teeth, two 6-in. side plows and a 12-in. furrowing tooth, making an admirable equipment for all widths of cultivation and for hilling crops up to four feet apart.

Price
\$15.50
Weight,
packed
89 lbs.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

Weight packed 83 lbs.

You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

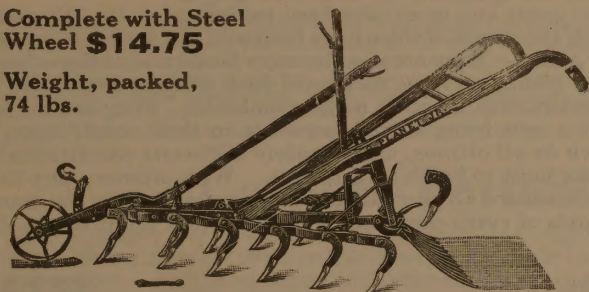


Price
with Steel
Wheel
\$14.25

Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer

Complete with Steel
Wheel **\$14.75**

Weight, packed,
74 lbs.



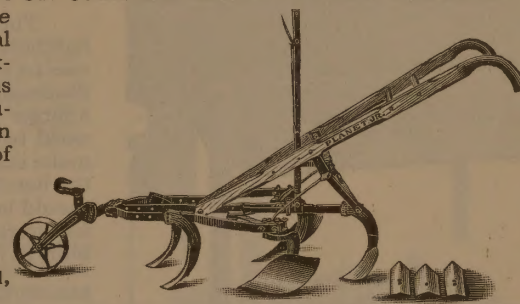
This is a special favorite with strawberry growers market gardeners and truckers

No. 9 Planet Jr. Combined Horse Hoe and Cultivator

This Horse Hoe is identical with No. 8, except that it has no depth regulator and a plain wheel instead of lever wheel.

Price, with
Steel Wheel,
\$12.75

Weight, packed,
70 lbs.

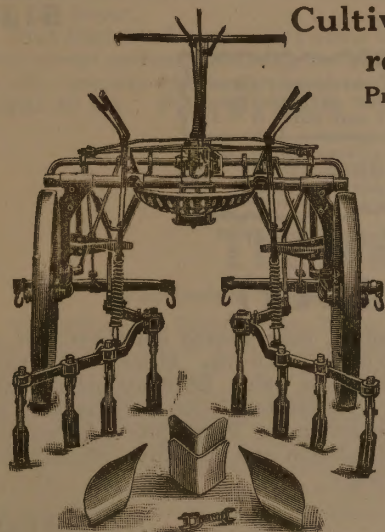


No. 76 Planet Jr. Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger

Price, complete, **\$85.00**

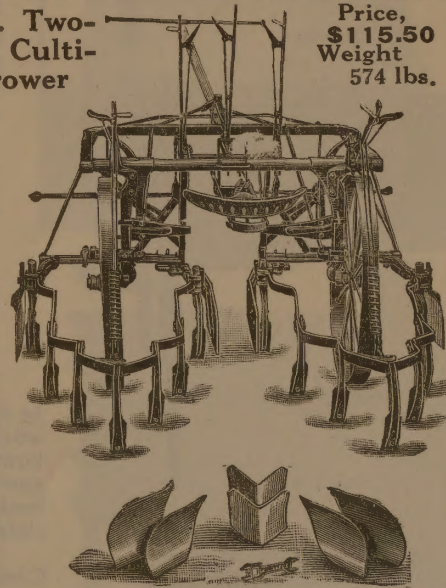
Weight, packed, 526 lbs.

The arch is high, frame and tongue are of steel and the change in width of the wheels is all that could be desired. It has powerful levers, and the gang frame is strong. The standards are adjustable for depth, and to throw to or from the row. The extra wide arch is very desirable. The draft is arranged to insure satisfactory work in all conditions of soil.



No. 72 Planet Jr. Two-row Pivot Wheel Cultivator, Plow, Furrower and Ridger.

With the improved No. 72 we complete the cultivation of two rows at one passage, at all widths from 28 to 44 in. inclusive, and the implement is especially built to do this *when the rows are irregular*. This tool is so designed that the operator can *make changes in width of gangs instantly while in motion*, by means of a handy lever for each gang, so as to accommodate the machine perfectly to rows which vary greatly in width.



Price,
\$115.50
Weight
574 lbs.

Other Planet Jr. Tools

No. 12 Double Wheel Hoe, Cultivator and Plow	\$10.75
No. 13 Double Wheel Hoe	7.50
No. 2 Planet Jr. Drill Seeder	11.25
No. 11 Planet Jr. Double Wheel Hoe	13.50

Planet Jr. Fire-Fly Garden Plow

*This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide, and one to three inches deep, and deeper by going twice. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed the row and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Price **\$3.50**.*

Planet Jr. Repairs.

We carry a complete stock of repairs at Brandon. Remember—every piece has a number, when ordering give this number and also the number of the machine it is to be used on. We list below a partial list of repairs most in demand. While we carry generous stocks, we furnish Repairs at prices quoted so long as stocks last. When necessary to import an order direct from the manufacturer, we are obliged to add to price quoted whatever the express charges are to Brandon.

C 9 Drum for No. 1 Combined Drill Seeder	\$3.70	K 243 Wheel Arm L. H. for No. 4	0.85	46 X (C and 1092), Hoe Complete, L. H., 6 inches	1.25
C 16 Upper Spout for No. 1 Drill Seeder	1.00	K 290 Wheel Arm R. H., for No. 4	1.20	47 X (D1 and 1093), Hoe Complete, R. H., 6 inches	1.25
C 23 Roller for No. 1 Drill Seeder	1.45	K 412 Frame for Wheel Hoe	2.00	499 X (C and 1700), Hoe Complete, L. H., 7 inches	1.50
C 28 Roller Carrier for No. 1 Drill Seeder	0.85	K 270 Opening Plow	1.10	450 X (D1 and 1701), Hoe Complete, R. H., 7 inches	1.50
R 3 Plow complete for Wheel Hoe and Combined Drills	2.90	K 280 Onion Opening Plow, 2½ in. wide	1.25	436 X (C and 997), Hoe Complete, L. H., 8 inches	1.60
R 5 Plow complete for Wheel Hoe and Combined Drills	2.90	K 246 Spout for No. 4	2.80	437 X (D and 998), Hoe Complete, R. H., 8 inches	1.60
K 248 Left Hand Seed Coverer for No. 4	0.60	1258 Pinion Rod	0.55		
K 249 Right Hand Seed Coverer for No. 4	0.60	C Standard only for Hoe, L. H.	0.60		
K 409 Roller Carrier for No. 4	1.60	D 1 Standard only for Hoe, R. H.	0.60		
K 410 Roller for No. 4	2.00	109 X (C and 552) Hoe Complete, L. H., 4½ inches	1.15		
		108 x (D1 and 553), Hoe Complete, R. H., 4½ inches	1.15		

WE ARE AUTHORIZED AGENTS FOR

GENUINE CYPHERS INCUBATORS PATENTED

Made in three different styles—Eight different sizes

OUR EFFORTS of many years to induce the Cyphers Company to manufacture a line of Incubators at more moderate prices within the reach of all have proved effectual, and we are pleased to report greater sales. As a result we look for a much larger number of orders during 1917, and we stand ready to meet all reasonable demands promptly and with our usual care. It would be superfluous on our part to attempt to eulogise the merits of these world-famous manufactures. All we need say is to direct attention to the fine reliable machines illustrated and described on this and following page. They are moderately priced and will enable beginners to get into the poultry business at a small outlay, thus earning substantial profits from the commencement. For the convenience of customers we have affixed the prices under each machine instead of tabulating them separately as in former years.



"Standard" Cyphers

These are machines that for sixteen years and more have been recognized as the "Standard hatches of the world." Tens upon tens of thousands of them have been sold and are in *successful use in every civilized country on the globe*. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a cent being spared anywhere in their construction to make sure of their doing satisfactory work *in all climes, under widely different conditions*, in the hands of all sorts of people. They are built to hatch *and to last*. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes as follows:

No. 0. Capacity 70 Eggs, weight 90 lbs.	Price.....	\$22.50
No. 1. Capacity 144 Eggs, weight 145 lbs.	Price.....	32.50
No. 2. Capacity 244 Eggs, weight 215 lbs.	Price.....	44.50
No. 3. Capacity 390 Eggs, weight 260 lbs.	Price.....	51.50



My machine has been running seventeen days now without a variation of a fraction of a degree. Words cannot express how pleased I am with it. I shall certainly let you know what success I have. I had to scrap the other machine: it was hopeless.

PERCY STACEY,
Imperial, Sask.

April 22, 1916.

N.B. The above testimonial refers to No. 1 Standard.

"Columbia" (Hot-Air)

Are built to meet the widespread demand for large-capacity, lamp-heated machines that can be sold at *surprisingly low prices* and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, zinc and steel Standard Cyphers toggle-joint thermostat and same *regulating equipment as used on highest priced machines*. Fume proof, forced draft heater, asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under egg trays. Made in two sizes:

Capacity 130 to 140 Eggs, weight 70 lbs.	Price.....	\$21.00
Capacity 200 to 250 Eggs, weight 110 lbs.	Price.....	28.00

"Superior" (Hot-Water)

These machines are exactly what the name implies. They are heated by hot water instead of with hot air, and are "superior" *in every detail*. The water boiler and tank (tubular) are of heavy-weight copper. Lamp has seamless bowl; burner is best on market. Incubator case *is of wood*, attractively finished in golden brown, with brass trimmings (hinges, buttons, etc.), and has *double walls*, with air space insulation. Are equipped with Standard Cyphers zinc and steel, toggle-joint thermostat and knife-edge regulator. Have *forced water circulation* and are automatic in ventilation. Roomy chick nurseries. Built in two sizes. *Fully guaranteed*.

Capacity 60 to 65 Eggs, weight 33 lbs.	Price.....	\$15.50
Capacity 120 to 130 Eggs, weight 50 lbs.	Price.....	23.50

All prices quoted on these Cyphers machines are f.o.b. Brandon.



CYPHERS BROODERS AND REPAIRS

Standard Cyphers Brooders

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are the most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can, therefore, depend upon an even, steady temperature in the hover, and a lively, thrifty, growing lot of chicks.

These Cyphers 1917 Brooders, all sizes and styles, are self-regulating, self-ventilating and vermin-proof.

The outdoor styles are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

THIS DOUBLE USE of the Cyphers Brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors, although we supply a special brooder, Style D for indoor purposes. All Cyphers 1917 Brooders, both outdoor and indoor, contain either two or three apartments. The popular Style B (shown in illustration herewith), contains three apartments; first, roomy space under the hover; second, hover chamber; third, well lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They mother the Chicks better than a hen."

Style A Outdoor Brooder, Capacity 75 Chicks weight 135 lbs. Price **\$23.50.**

Style C Outdoor Brooder, Capacity 100 Chicks weight 220 lbs. Price **\$29.00.**

Style D Indoor Brooder, Capacity 75 Chicks weight 120 lbs. Price **\$21.00**

Cyphers Adaptable Hover

The Cyphers Adaptable Hover is self ventilating and self-regulating. It supplies a continuous supply of fresh pure warmed air under the hover, and at the same time maintains a steady, uniform heat. All the essentials of successful brooding of chicks are automatically provided. Thousands of poultry growers use this hover in raising big, strong flocks of chicks. It is "adaptable" to use in colony coops, in portable houses, in home-made brooder coops, such as goods boxes, piano boxes, and organ cases, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters' Inspected Brooder label. Capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight 50 lbs. Price **\$13.75**

Cyphers Portable Hover

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and we guarantee it to be the best brooding device of the kind on the market. As it is equipped with the same high grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates, can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight 40 lbs. Price **\$13.00**

Prices on this page f.o.b. Brandon.

The Paradise Brooder

For Indoor Use. Sold in One, Two, Three or Four Sections.

We believe the Paradise One-Lamp Sectional Brooder to be the best indoor brooding device invented thus far as a practical, convenient and economical nursery for newly-hatched chicks and ducklings. It embodies the correct principles of brooding chicks and ducklings by artificial means, namely; heat, light, ventilation, room for exercise, fresh water, etc., combined to an unequalled extent with economy of installation, of space occupied, of fuel consumed, of labor required, of money invested, of time and attention in caring for the chicks.

Two brooders complete, four sections each, having a combined capacity of eight hundred (800) chicks, can be operated in a room 12 x 12 ft. with every convenience. Size of each brooder (floor space) is 3 x 7 ft., and an eighteen or twenty-four inch aisle is needed at ends and sides for operator.

Paradise Brooder (Base Section), 140 Chicks, weight 250 lbs. Price **\$33.00**

" " (Upper Section), 140 Chicks, weight 150 lbs. " **25.00**

Electrobator No. 1. 60 Eggs, weight 40 lbs. " **26.00**

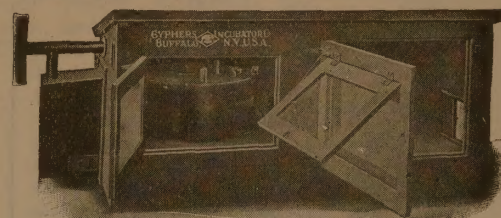
" " 2. 120 Eggs, weight 65 lbs. " **34.00**

Repairs: When Ordering Repairs, Always State Size Wanted, and the Year Machine Was Made

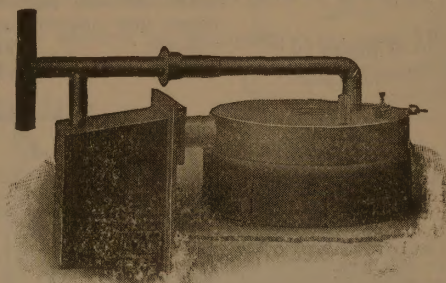
	Postpaid
Lamp Wicks, No. 0 and 1, per doz.	45c.
Lamp Wicks, No. 2 and 3, per doz.	55c.
Lamp Burners, No. 0, 75c., Nos. 1, 2, and 3	\$1.15
Paradise Brooder Wicks, each	65c.
Tin Disc, (327) and Wire (326)	35c.
Connecting Rods (318), Nos. 0, 1, 2, and 3	65c.
Counterpoise Weights (323)	40c.
Counterpoise Rods (322), Nos. 0, 1, 2, and 3	60c.

	Postpaid
Pivot Casting (317)	75c.
Cyphers Automatic Moisture Device, each with three Conductors	\$2.65
Connecting Rod Thumb Nut, state whether upper (320) or lower (319)	25c.
Thermometer (Incubator)	80c.
Thermometer (Brooder)	70c.
Underrated Repairs, Freight or Express at Purchaser's Expense.	
Lamps (Incubator), No. 0, complete	1.75

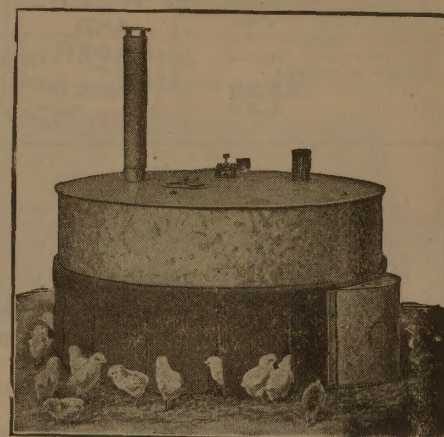
	Underrated Repairs Freight or Express at Purchaser's Expense
Lamps (Incubator) Nos. 1, 2, or 3, complete	2.20
Lamps (Incubator) without Burners, No. 0 1 40	
" 1, 2, or 3	1.60
Brooder Stoves (Insulated)	3.85
Paradise Brooder Stove	8.00
Paradise Brooder Upper Reservoir	1.80
Paradise Brooder, Enamelled Drum	1.85
Thermostat (312), Nos. 0, 1, 2, and 3	4.50



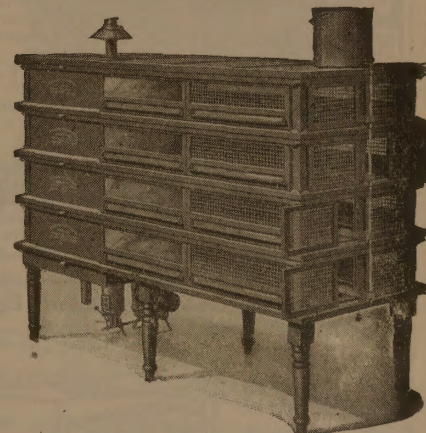
Outdoor Brooder



Adaptable Hover



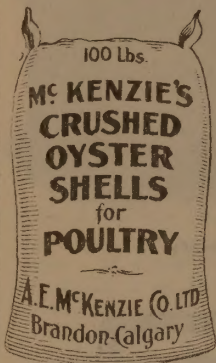
Portable Hover



Paradise Brooder

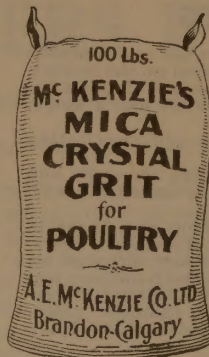
We will mail upon request a Special Catalog of Cyphers Incubators, Brooders, Supplies, etc.

McKenzie's High Grade Poultry Supplies



Crushed Oyster Shell, almost pure carbonate of lime, supplies, when fed to poultry, the most essential components in the formation of the egg. It also prevents cholera, soft shell eggs and hens from eating their eggs. Keeps the hen healthy, makes them lay and produces larger and heavier eggs.

50 lbs. 70c
100 lbs. \$1.15



Poultry, having no teeth, require sharp material to grind their food. Mica Crystal Grit is not only sharp and hard, but its properties are such that it acts as a tonic and increases the productive power of the fowl. Grit is just as necessary to newly hatched chicks as to older hens, for without it they cannot grind food.

50 lbs. 75c
100 lbs. \$1.35

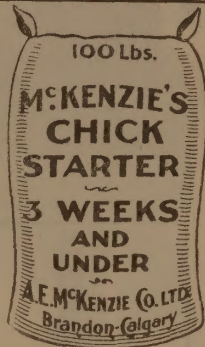


For chicks 3 weeks old or over. This mixture embraces the best combination of seeds, grains, etc., that can be prepared for the purpose required. To properly develop the chick for market or as an egg producer, and keep it healthy, it must be fed such food as will promote growth quickly and uniformly. A well-balanced feed will produce a well-balanced hen.

50 lbs. \$2.35
100 lbs. 4.40

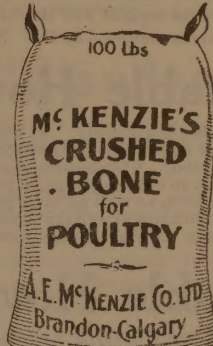
For chicks under 3 weeks old. Like infants, it is essential to the proper nourishment of chicks that they be fed different ration than older chickens. The ingredients of this nourishing and body building mixture can be thoroughly and easily digested, and it is absolutely necessary if a low mortality among chicks is desired.

50 lbs. \$2.40
100 lbs. 4.50



This is fresh, green bones, which have had the moisture, grease, etc., extracted from them leaving nothing but phosphate of lime and protein. Will keep in any kind of weather if kept dry. This bone is prepared especially for our trade and will be found a very fine quality. State whether fine or coarse is wanted.

50 lbs. \$2.25
100 lbs. 4.00



Rich in materials which make bone, muscle and lean meat. It ensures health, thrift and vigor and satisfies the chicken's natural craving for flesh-food in some form. Beef scraps can be fed dry or with cooked rations.

50 lbs. \$3.00
100 lbs. 5.75



Alfalfa Fine Cut Made from green kiln-dried Alfalfa hay. This is more valuable than clover meal, and is highly recommended by prominent and successful poultry men. It contains a large per cent of protein and furnishes green feed in winter when green food is unobtainable.

25 lbs. \$1.05, 50 lbs. \$1.90
100 lbs. 3.40



Lee's Poultry Remedies

Lee's Insect Powder. A non-poisonous powder and very effective insecticide; unexcelled for worms, flies, aphids, and all kinds of insects. Package, 55c postpaid.

Lee's Liquid Lice Killer. Acknowledged by practical Poultrymen as the easiest, safest and surest method of curing fowls of this affliction.

1 qt. can. 75c,
½ gallon \$1.30, 1 gallon \$2.20.
By express at Purchaser's expense.

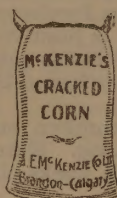
Lee's Egg maker. Comprising nourishing ingredients of attested egg-making qualities, it is of exceptional value. 2½ lb. pkg. 75c, 5 lbs. \$1.40, Postpaid. 25 lb. pail \$3.00. By express at purchaser's expense.

Lee's Germozone Tablets. The great cure for Roup, Cholera, Colds, Canker, Chicken Pox, Swelled Head, etc. Pkg. 65c. Postpaid.

McKenzie's Gold Standard Egg Maker and Chick Grower

McKenzie's Egg Maker should be fed to male birds as well as hens. Young chicks require it to secure a good strong start, early in life.

Price 2½ lbs. 35c, 5½ lbs. 65c, 25 lb. pail \$2.75.
By express at purchaser's expense.



Cracked Corn It requires more energy for fowls to pick up than the whole, and is more easily digested. 50 lbs. \$1.55, 100 lbs. \$2.90. Cotton Bags 30c extra.

Whole Corn For poultry, corn is and has been for ages, valued highly for feed. 50 lbs. \$1.45, 100 lbs. \$2.65. Cotton Bags 30c extra.



Lambert's Death to Lice

Lambert's Lice Powder is perhaps the oldest and best known remedy of its kind on the market. It is in many respects "the old reliable," "tried and true," a household word everywhere. A Disinfectant Insect Powder. This preparation will rid your fowls of all vermin. It is both cheap and effectual. Setting hens well dusted with Lambert's Death to Lice during incubation will bring off a healthy brood. Used largely in both Canada and the United States. Price 5 oz. box. 25c. 15 oz. box 60c.

48 oz. package \$1.10
100 oz. package 2.15
Postpaid.

McKenzie's Gold Standard Stock Food

Being highly concentrated, only a small amount per day is required. Stock when fed McKenzie's Stock Food will keep in better condition, produce quicker and more profitable results. Based upon scientific knowledge, devoid of harmful drugs, when fed to calves, cattle, horses, sheep, hogs or poultry, it purifies the blood, builds up the system, aids digestion and produces highly beneficial results.

Price 5-lb. Bags \$2.00, 25-lb. Pails \$3.50. By Express at purchaser's expense.



Conkey's Poultry Remedies

Conkey's Roup Cure. Small size 45c, medium size 85c, large size \$1.35. Postpaid.

Conkey's Cholera Cure— Package, small 45c. Postpaid. Package, large 90c. Postpaid.

Conkey's Gape Cure. Package 95c. Postpaid.

Conkey's Rheumatic Remedy. 90c. Postpaid.

Conkey's Poultry Laxative. 45c. Postpaid.

Conkey's Head Lice Ointment. A wonderful remedy for this aggravating pest. Package, small 20c. Postpaid. Package, large 45c. Postpaid.

Conkey's Lice Liquid. Not only the greatest preventive, but the safest and surest exterminator of this pest. 1 qt. 60c, 2 qts. \$1.00, 1 gal. \$1.75. By express at purchaser's expense.

Conkey's Chicken Pox Remedy. Package 90c. Postpaid

Conkey's Limber Neck Remedy. Package 90c. Postpaid.

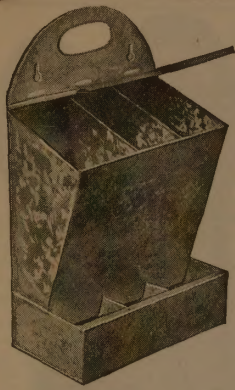
Conkey's Scaly Leg Remedy. Package 50c. Postpaid.

Conkey's Dis-temper Remedy. Pkg. 90c. Postpaid.

Conkey's White Diarrhoea Remedy. Price 45c. Postpaid.

Conkey's Bronchitis Remedy. This remedy is a guaranteed specific for this dangerous ailment. 90c. Postpaid.





McKenzie's Dry Food Grit and Shell Box

This handy Grit Box eliminates the waste occasioned by feeds, grits, shells, etc., being placed in pans or low dishes and scratched out by the fowls. It has three compartments. Strong, light and durable.

While these boxes can be set anywhere in the yard, they are made for hanging against the wall, a post, fence, etc.

The trough is so arranged that fowls are unable to get into it with their feet, thus eliminating waste, and at the same time protects the contents from moisture and filth.

Large Size, each **\$1.20**

Small Chick Size, each **1.15**

By express at purchaser's expense.

Lice-proof Perch Support

Cypher's Lice-proof Perch Supports are manufactured of cast iron, and with ordinary care will last a lifetime. They are attached to the wall or droppings board with screws. The oil cup is covered with a cap to prevent an accumulation of dust. Fill each cup with McKenzie's Lice Killer.



Wall Supports, per pair **80c.**

Upright Supports, per pair .. **\$1.00**

By express at purchaser's expense.

McKenzie's Death to Green Fly

So insistent and persistent has been the demand from all parts of the West by growers of "house plants" for a remedy for the Little Green Fly Pest, we have, after trying and testing many formulas selected the best.

One of the best Insecticides for plant use. Destroys Green Fly, Slugs, Caterpillars, Currant Worms, Cut Worms, Rose Bugs, etc.

You can use it in the house, sinks, poultry houses, pig pens, stables, etc. It will kill any kind of insect and can be used anywhere.

Pkg. postpaid **45c.**



Cypher's Fumigating Candle

A microbe and Germ Killer, Lice and Mite destroyer. Disinfects, prevents disease. All fowls and animals must be locked out when in use. It is easy to use, easy to light, safe to extinguish. The improved construction makes it unnecessary to use a tin or other dish as required by other makes.

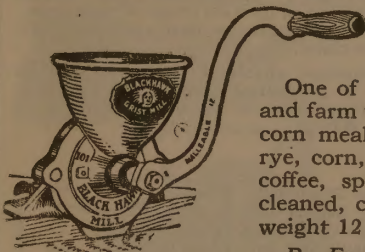
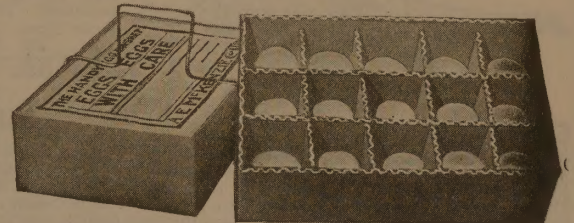
Price **30c** each, Postpaid. **\$1.25** 1/2 dozen. By express at purchaser's expense.



The Handy Egg Box

The lightest, handiest, safest and cheapest "Egg Box" on the market

Particularly suited for shipping "Egg Settings" Weight 1 lb. Price (1 setting size) **\$2.00** per doz. Price (2 setting size) **\$3.00** per doz. By express at purchaser's expense.



Black Hawk Grinding Mill and Feed Mill

One of the handiest of tools for household and farm use. Make your own Graham flour, corn meal, etc. Crack your wheat, barley, rye, corn, etc., for the poultry. Grind your coffee, spices, etc. Easily adjusted easily cleaned, chilled bearings. Best steel knives, weight 12 pounds. Price each **\$3.70**.

By Express at purchaser's expense.

Cypher's Practical Egg Tester

Cyphers Practical Egg Tester is the standard tester in use on large duck and broiler farms and embodies the best ideas to date. This tester is 15 inches in height, and 7 1/2 inches in diameter. It is constructed entirely of galvanized iron. Is equipped with a suitable reflector, and a seamless-bottom lamp made of the best heavy galvanized iron. No chimney is furnished, because of the liability of breakage in shipping.

An ordinary glass chimney, such as used on a house lamp, will fit the burner and is exactly adapted to the purpose. The strong light penetrates the shell and brings to view the development of the contents of egg, making it possible to discover the degree of fertility, or the growth of the embryo. Price, complete, including lamp and reflector **\$2.00**. By express at purchaser's expense.



Curtiss Caponizing Set

The Curtiss caponizing instruments have special features of value not found in other sets. The lancet is peculiarly adapted to its purpose and the old-fashioned canula is replaced by an up-to-date instrument which serves the double purpose of cutting and removing without the aid of forceps, leaving one hand free to manage the operation. Full printed directions with each set. Price **\$4.50**. Postpaid.



Cypher's Powder Gun

These Insect Powder Guns were originally designed to meet a demand for as large a gun as can be held in the hand. Just the thing for applying McKenzie's Lice Powder. Made in two sizes. Thousands of them in use — a standard article. Prices, large Jumbo size, each postpaid **55c.** small size postpaid **25c.**

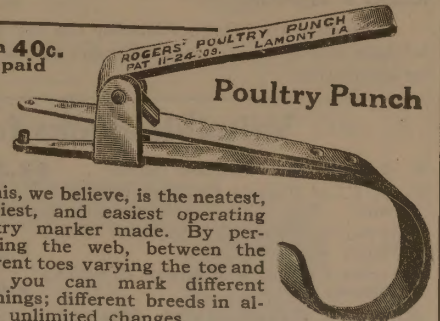


Cypher's X-Ray Egg Tester

The Cypher's X-Ray Egg Tester is made of block tin, and consists of a central cylinder or lamp flue 5 1/4 inches high with an outside diameter of 2 3/4 inches at the base and 2 1/4 inches at the top. It is designed for use on an ordinary hand lamp and fits over any style of burner with a diameter approximating that of tester. **70c.** Postpaid.



Each **40c.** Postpaid



This, we believe, is the neatest, handiest, and easiest operating poultry marker made. By perforating the web, between the different toes varying the toe and foot you can mark different hatchlings; different breeds in almost unlimited changes.



Wire Nests

These nests are strongly made from heavy japanned steel wire; fasten to the wall with screw hooks. There is no room on them for lodgment of lice or vermin of any kind; they are easy to keep clean, and are far superior to wooden boxes. Weight 1 doz., 4 lbs.

Price, each **35c.** 1/2 doz. **\$1.75.** doz. **\$3.25.** By express at purchaser's expense.

Nest Eggs

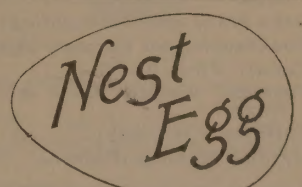
Nest Eggs have long since been recognized as an indispensable article around fowls.

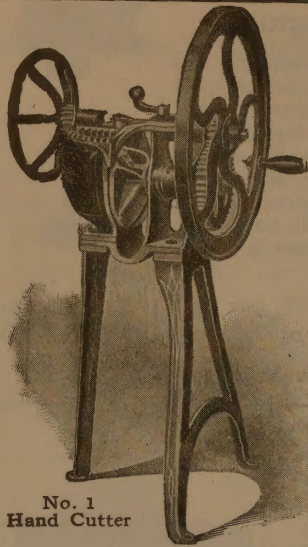
They are the best means obtainable to attract hens to the proper laying place, thus preventing them from seeking out-of-the-way places.

China Nest Eggs, **60c** per doz. Postpaid.

Medecol Nest Eggs, to keep lice and vermin out. **\$1.00** per doz. Postpaid.

Lime Nest Eggs, **70c** per doz. Postpaid.





No. 1
Hand Cutter

Humphrey Bone Cutter and Rapid Alfalfa and Clover Cutter

Getting the largest number of "Golden Eggs," raising the thriftiest hens and feeding them the most nourishing egg-producing food at the lowest cost always means successful and profitable poultry raising. What is that food?

It is just a plain piece of bone such as you have in your beefsteaks or soup-bone and which you throw away.

You do not have to cut the bone into small pieces with an axe, as is required by other machines. *The machine does the cutting—simply drop the bone into the machine and immediately commence to cut the bone.* All parts of the Humphrey Open Cutter are exposed at all times for cleaning. There is no possibility of the cutter-head clogging, owing to the immense clearance of the cutters. Made in six sizes to suit the wants of the keeper of twelve hens, or the large poultry farmer.

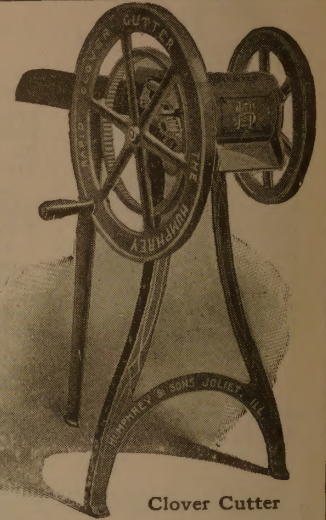
No. 1. The popular size for flocks of 10 to 200 hens. The always-open hopper measures $4\frac{1}{2} \times 5$ in. and will take a large steer knuckle bone. This is a hand power machine, weight 120 lbs. Price.....**\$23.00**

No. $2\frac{1}{2}$. Is a combined hand and power cutter of the same bowl capacity as the No. 1; intended for poultrymen who have power, but find it convenient to use the machine by hand at times when the power is not in motion. Weight 135 lbs. Price.....**\$27.75**

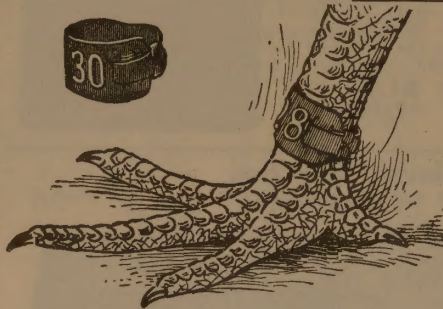
Clover Cutter—Every poultryman having from 12 to 20 hens should have Humphrey Clover Cutter. This machine has large capacity, so that it takes very few minutes to cut enough clover or alfalfa for large yards. The cuttings are so small and uniform that there is virtually no waste—the chicks eating all you feed them. Price.....**\$21.80**

Write for prices on any not listed here.

Our Humphrey Bone Cutter Catalog Mailed upon Request.



Clover Cutter



Champion Leg Bands

Very useful in distinguishing select fowls from others in the same flock, identifying them from your neighbor's and for marking certain hatchlings. Made of aluminum, very strong and durable. Easily attached. Fastens securely. Numbered from 1 to 100.

12 25 50 100
25c 35c 55c 85c Postpaid



McKenzie's Insect Killer

A safe and sure remedy for all lice, flies, vermin that infest poultry, cattle, dogs, sheep, etc. Invaluable for ridding house plants and vegetables of green and black flies, caterpillars, worms, etc.

We particularly recommend this Insect Killer on account of its wide range of usefulness, and buyers need have no hesitancy as to its doing all we claim.

Non-poisonous, absolutely harmless to man or beast. A powerful disinfectant and deodorizer. Directions on every package. Postpaid **45c.**

Sundry Bird Supplies

BIRD SEED—McKenzie's Gold Standard is the finest quality of fresh, choice, imported, re-cleaned and well mixed seeds in proper proportions, as to provide the necessary food for Birds to keep them in good health and song.

Pkt. **30c.** Postpaid.

Hemp, Finest Re-cleaned—Considered by many as far superior to anything else. Per lb. **30c.** Postpaid.

Millet, Finest Re-cleaned—As feed for birds Millet is exceptionally nourishing and appetizing. Per lb. **25c.** Postpaid.

Canary Seed, Finest Re-cleaned—This is a splendid feed for birds on account of its wonderful strength building ingredients. Per lb. **30c.** Postpaid.

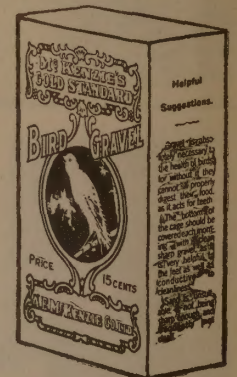
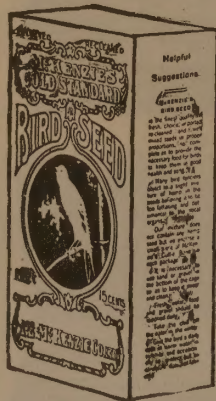
BIRD GRAVEL—McKenzie's Gold Standard Gravel is absolutely necessary to the health of birds, for without it they cannot properly digest their food, as it acts for teeth. Sand is unsuitable, as it is not sharp enough. Pkg. **30c.** Postpaid.

Parrot Seed—The very best seed obtainable for parrots is the ordinary garden sunflower seed. Per lb. **25c.** Postpaid.

Bird Rape, Finest Re-cleaned.

Per lb. **30c.** Postpaid.

Cuttle Fish Bone—For generations this has been recognized as one of, if not positively the best thing for aiding birds to digest their food, etc. Per oz. **15c.** Postpaid.



Miscellaneous Sundries, Feed Flax, Oil Cake, Etc.

Sunflower Seed—Every poultryman knows the egg-producing value of Sunflower seed, and for poultry feed, thousands of tons are annually sold throughout the West. 1 lb. **25c.** postpaid, 5 lbs. or more **13c** per lb., by express at purchaser's expense.

Dog Biscuit—Unquestionably the best and most economical canine food for daily nourishment, conditioner and disease preventive we know of. Prices on application.

Bug Death for Potatoes—Use 32 lbs. Bug Death to 96 gallons water, when used as a liquid solution. Use 32 lbs. Bug Death per acre when applied dry. Price per lb. **35c.** 3 lbs. **75c.** 5 lbs. **\$1.15** postpaid, 12½ lbs. **\$1.70** by express at purchaser's expense.

Flax Seed—For feeding (bag included).....**\$6.50**

Linseed Meal—Fine ground (bag included).....**6.75**

Oil Cake—Fine ground (bag included).....**3.75**

Prices Subject to Market Fluctuations.

Valuable Books for Poultrymen, Farmers and Gardeners—Each Postpaid

A. B. C. of Bee Culture (Root).....	\$2.25
A. B. C. of Potato Culture (Terry & Root).....	.60
Amateur's Practical Garden Book (Hunn & Bailey).....	1.00
American Horse and Horse Breeding (Dimon).....	3.90
American Horticultural Manual (Budd).....	3.50
Barn Plans and Outbuildings.....	1.65
Bookkeeping for Farmers (Atkeson).....	.40
Canary Birds (Quill).....	.60
Farmers' Account Book and Farm Record.....	4.00
Fertilisers (Gregory).....	.60
Garden Making (Bailey).....	1.10

Gardening for Profit (Henderson).....	\$1.75
Henderson's Practical Floriculture (Henderson).....	1.75
Hintr to Horse Keepers (Herbert).....	2.15
Horse Breeding (Sanders).....	4.25
House Plants and How to Succeed With Them (Hillhouse).....	.70
How the Farm Pays (Henderson & Crozier).....	2.50
How to Make the Garden Pay (Greiner).....	1.50
How to Plant Home Grounds (Parsons).....	1.40
Irrigation Farming (Wilcox).....	2.85
Key to Profitable Stock Feeding (Myrick).....	.50

Modern House Plans (Reed).....	\$1.40
New Onion Culture (Greiner).....	.75
Philo System of Incubation (Philo).....	.40
Plant Breeding (Bailey).....	1.65
Play and Profit in My Garden (Roe).....	1.55
Poultry Success, Illustrated Monthly Magazine per year.....	1.00
Taxidermy (Batty).....	1.25
Profitable Poultry Keeping (Beale).....	1.30
The Farm Dairy (Curler).....	1.25
The New Egg Farm (Stoddard).....	1.15
The Principles of Fruit Growing (Bailey).....	1.75
Vegetable Gardening (S. B. Green).....	1.15

Cyphers Combined Medical and Surgical Case

The popular success of Cyphers Poultry Medical Case, combined with their knowledge based on practical experience of the requirements of average poultrymen, prompted them to combine with this case a surgical outfit, containing such surgical instruments and little accessories as are found helpful in the treatment of injuries, and combating diseases, epidemics, etc.

All instruments are of good quality steel, nickel-plated and carefully finished. The entire outfit is put up in a handsome, strong, cloth-covered box. The remedies are packed in metal-capped vials, and are labeled to show their uses and the dosage in each case. **Price \$4.00 each**



Combined Medical and Surgical Case.

WRICO Extension Brood Coop

Well Ventilated, Warm and Weatherproof

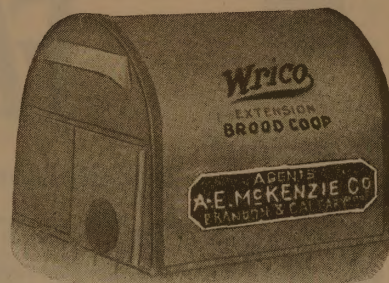
A profitable investment for poultry breeders. No lost, stolen, strayed or sick chicks to figure up against the profits.

The extension is made of heavy 1/2 mesh wire cloth, re-galvanized, so the wires will not spread apart.

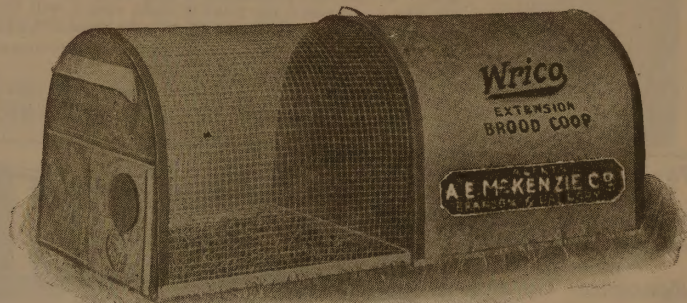
In fine weather the cage portion is pulled out, giving the hen and chicks double area to roam—untrammelled scratching privileges—and all the advantages of a natural open air life—yet isolated from the flock, and protected from depredating animals—such as rats, cats, dogs and Weasels. The total length of the extended coop is 46 inches, and the sliding edge of the extension being set in a groove, it can be closed without the least trouble, or danger to the occupants, by simply pushing it in.

SIZE OF COOP EXTENDED

Height, 18 1/2 in.
Length extended, 46 in., width 20 in., weight of 3 crated, 70 lbs.
Price \$4.50 each.



Closed and locked.



Pulled out

The "Kant-Klog" Sprayer

Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses.

On the "Kant-Klog" nozzle described above the item of labor alone is three times what the ordinary nozzle can be furnished for. Hose is high grade—supported by coiled spring to prevent breaking, couplings solid brass with standard cut threads. Air pump of heavy brass tubing two inches in diameter.

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam. When completed this body is thoroughly tested at double pressure ordinarily used, the result being that not one in a thousand give any of the troubles common with other constructions.

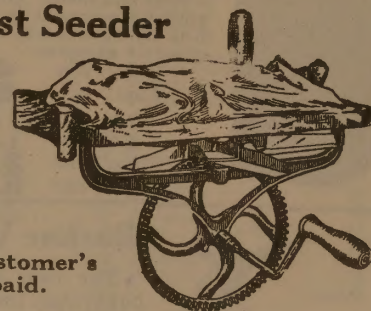
Brass, \$8.75, Galvanized, \$6.75
By express at purchaser's expense.



National Broadcast Seeder

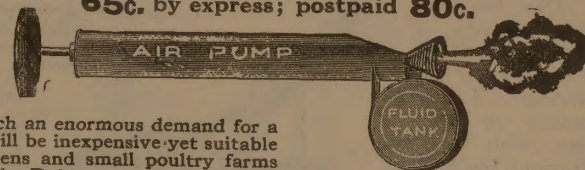
This seeder will sow about 20 acres per day and distribute the seed evenly. It will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Flax, Millet, Clover, Lawn, Timothy, Western Rye, Brome, etc. Is very easily adjusted to suit any seed. The hopper holds about one-half bushel. It is the strongest, neatest, and most compact handseed sower made.

Price \$1.75 by express at customer's expense, or \$2.10 postpaid.



McKenzie's Daisy Sprayer

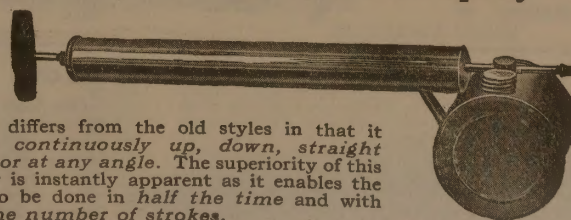
65c. by express; postpaid 80c.



We have such an enormous demand for a sprayer that will be inexpensive yet suitable for small gardens and small poultry farms that we offer the Daisy.

The Daisy sprays on the downward stroke only. It, however, is well to remember that there are very few occasions on which a larger spray is required.

A New Atomizer "Continuous Spray" No. 14



This differs from the old styles in that it sprays continuously up, down, straight ahead or at any angle. The superiority of this sprayer is instantly apparent as it enables the work to be done in half the time and with half the number of strokes.

Sprays Continuously

the forward stroke of plunger storing sufficient pressure to make spray continuous while return stroke is being made.

Brass Spray Tube removable for cleaning. Two Spray Caps; Brass Valve; Tin pump barrel. Liquid tanks of tin, Galv. Iron and Brass. Capacity one quart. Tin 90c, Galvanized \$1.40. By express at purchaser's expense.

A New Spray and Force Pump

This pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself. The All Brass suction working within a brass cylinder with all Brass Valves, does away entirely with all leather, rubber or other packings.

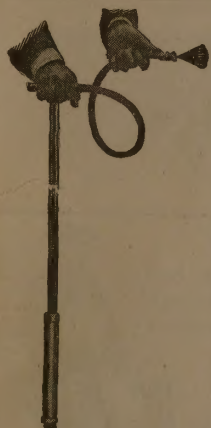
Everything except handle and hose are Solid brass. Is the Easiest Working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, tank, spring or creek. Without fastening of any kind it stands firmly wherever placed. Ready for Instant Use Everywhere.

Will throw two solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred, pleases everybody and will last a lifetime.

Price of Pump complete as shown in cut. **\$4.00.**
By express at purchaser's expense.

Brass Extension Pipe

Brass Pipe with quarter-inch standard cut threads, needed for elevating the nozzle in tree spraying, whitewashing, etc. Several can be screwed together when desired. Price, 3 ft. long 50c. By express at purchaser's expense.





The Standard Inoculation FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

A Real Live Germ developed from Alfalfa Bacteria

The only reason every practical farmer in Western Canada is not growing Alfalfa to-day is the fear of failure. In face of an almost insistent demand we have for years steadfastly refused to list practically every kind of known inoculation. We have in Farmogerm exactly what we have been looking for, longing for, for years. A Real Live Germ Alfalfa Bacteria, developed from germs taken right off Alfalfa Roots that were full of nodules. This is fed and developed until proper period is reached, and sent out of a jelly consistency in bottles of one and five acre size. If the easy followed directions are adhered to an increase of 200 to 400 per cent growth is attained for your Alfalfa which will thrive from the start and the field last for years. (For varieties of Alfalfa Seed see pages 58 and 59.)

As a fertilizer Farmogerm on a well developed field of alfalfa or clover will deposit not less than 1,000 lbs. nitrates.

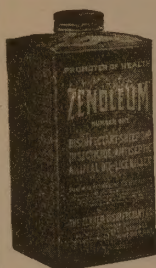
Farmogerm is of no value to vegetable crops only leguminous plants.

One acre size \$1.75, Five acre size \$5.85. Postage paid.



ALFALFA LIKES BACTERIA

World's Famous Coal
Tar Animal Dip.
Endorsed by forty-two
Agricultural Colleges.
Write for our
Zenoleum Catalogue



We believe Zenoleum is the best general live stock remedy for lice and vermin on all animals and positive disinfectant and cure for skin troubles, and external parasites in hogs and sheep. Our Guarantee: If Zenoleum is not what we represent it to be, we will refund your money. 8 oz. tin postpaid, all other sizes by express at purchaser's expense.

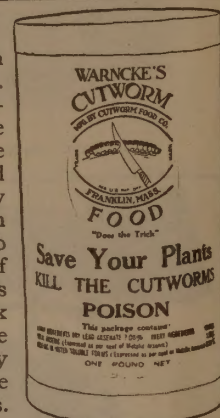
8 oz. tin	40c.,	makes	6 gals. fluid.
1 qt. tin	60c.,	makes	25 gals. fluid.
2 qt. tin	\$1.00,	makes	50 gals. fluid.
1 gal. tin	1.50,	makes	100 gals. fluid.
2 gal. tin	2.75,	makes	200 gals. fluid.
4 gal. tin	5.50,	makes	400 gals. fluid.

COAL-TAR ZENOLEUM

DISINFECTANT-DIP

Cutworm Killer

There is no more exasperating insect pest with which the gardener contends, than the cutworm. All the work, expense and anticipation of financial returns are wiped out in a night. The cut worm in about three bites, kills the entire plant as effectively as though it were consumed root and branch. The field is so completely wrecked we wonder how they succeeded in finding so rapidly every plant. And all this is so easily avoided. Just drop a teaspoonful of Cutworm Food around each plant the day it is set out, or on each hill as the seedlings break through; and instead of eating the plants the worm eats a little of the Food and immediately dies. The Food will not injure the most delicate plant. One pound will protect 75 to 100 plants. 1 lb. 50c. Postpaid.



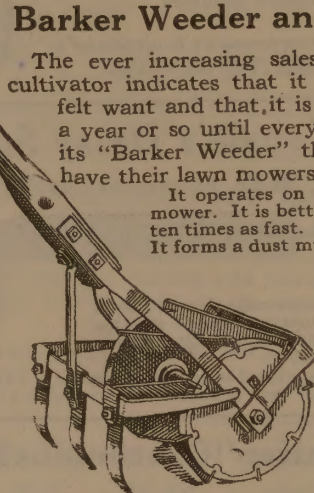
Barker Weeder and Mulcher

Price

\$5.00

Weight packed
36 lbs.

This machine has proved a great boon to Planters of large acreage. Cuts the weeds as fast as you wish to walk through the garden. Any boy or girl can operate it easily and as successfully as their elders. It cultivates either shallow or deep.



The ever increasing sales of this handy cultivator indicates that it is filling a long felt want and that it is but a matter of a year or so until every home will have its "Barker Weeder" the same as they have their lawn mowers and seeders.

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker

Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. Cut your weeds in your garden once a week below the surface of the ground as well as the plant above the surface.

Brandon Seed House Grass Seeder

This Wheelbarrow style of Seeder is especially designed for sowing grass seeds broadcast (all kinds) and fills a very important want in farming. No waiting for a calm day. Sow any time. The Hopper is carried so close to the ground that the wind does not blow and scatter the seed.

They sow any quantity per acre desired, evenly and accurately. The complete machine weighs about 50 lbs. and runs easily, sowing from 20 to 40 acres per day. There are upwards of 200,000 of these machines in use. We have on hand 2 kinds.

No. 8 for Brome Grass, Clover, Timothy, Alfalfa, Hungarian Millet, Rape and other seeds of same size and kind. Has 10 ft. Hopper. Price of No. 8, \$12.25.

No. 9 for Western Rye Grass, Clover, Timothy, Alfalfa, Hungarian Millet and Rape and any other seeds of same size and kind. Has 14 ft. Hopper.

The No. 9 will not sow Brome Grass successfully).

Price of No. 9, \$12.75

The Wheelbarrow or Gearing is the same style for both No. 8 and 9. The difference is in the Hoppers.

We can supply both Hoppers and one Gearing if desired.



Norcross Garden Cultivator



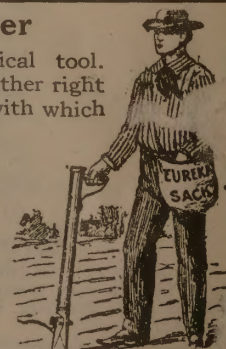
Look at the illustration of the Norcross convinces immediately of the utility of this remarkable yet simple little garden tool. One actual trial of the machine proves it is indispensable. The centre shovel can be quickly removed and the row straddled. When rows are close together the three inside scufflers may be used. Loosening two nuts releases any one of prongs to be removed. Detaching centre shovel and reversing other four makes a potato digger. It pulls weeds, pulverizes the soil thoroughly, giving level cultivation. Each, 90c. By Express at purchaser's expense.

Eureka Potato Planter

An inexpensive and highly practical tool. Plants at any depth. Operated from either right or left side. Considering the rapidity with which this tool plants, it would indeed be a small acreage that would not pay for it in half a day's time, to say nothing of the backaches saved. It certainly is a great improvement over the hoe.

The adjustable depth gauge attached to front jaw enables the planter to gauge the depth of planting.

Galvanized Iron, each \$1.50. By Express at purchaser's expense.



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GRAINS

Barley, broadcast.	2	to 2½	bus.	48 lbs.
Barley, in drills.	1½	to 2	bus.	56 lbs.
Barley, Hullless.	1½	to 2	bus.	60 lb
k wheat, broadcast.	¾	to 1	bus.	48 lbs.
1 lb. to 80 hills.	1	to 2	lbs.	56 lbs.
drills.	¾	to ¾		
		20 lbs.		56 lbs.
	2	to 3	bus.	34 lbs.
	2	to 3½	bus.	60 lbs.
	1½	to 1½	bus.	56 lbs.
	2	bushels		60 lbs.
	1	to 1½	bus.	56 lbs.
oat, milled	2	to 2½	bus.	60 lbs.
res or Vetches.	2	to 2½	bus.	56 lbs.
heat, in drills.	1½	to 1½	bus.	60 lbs.

Per acre

Sugar Beet.....	4	to 6 lbs.
Potatoes.....	2	to 3 lbs.
Hel Wurtzel, in drills.....	4	to 6 lbs.
Does in hills or drills, cut tubers.....	8	to 12 bus.
Does cut to single eyes.....	6	to 8 bus.
in drills.....	2	to 3 lbs.
broadcast.....	4	to 6 lbs.
Spin., Fall.....	1½	to 2 lbs.
Turnip, Swede.....	2	to 2½ lbs.

GRASSES and CLOVERS

	Per acre	Per bus.
Red Clover, Common.	12 lbs.	60 lbs.
Alsike.	8 lbs.	60 lbs.
White Clover.	10 lbs.	60 lbs.
Alfalfa (all varieties)	8 to 10 lbs.	60 lbs.
Timothy.	6 lbs.	48 lbs.
Brome Grass.	14 lbs.	14 lbs.
Western Rye.	15 lbs.	14 lbs.
Kentucky Blue.	30 lbs.	14 lbs.
Red Top.	15 lbs.	14 lbs.
Orchard Grass.	10 lbs.	14 lbs.
O.K. Pasture Grass.	15 lbs.	18 lbs.
Millet.	20 lbs.	48 lbs.

MIXTURES

Timothy, 5 lbs.;	Red Clover	8 lbs.	Per acre.
Timothy, 5 lbs.;	Alsike	6 lbs.	"
Timothy, 5 lbs.;	Alfalfa	15 lbs.	"
Western Rye, 8 lbs.;	Red Clover	8 lbs.	"
Western Rye, 8 lbs.;	Alsike	6 lbs.	"
Western Rye, 8 lbs.;	Alfalfa	6 lbs.	"
Timothy, 3 lbs.;	Western Rye, 5 lbs.;	8 lbs.	"
Red Clover			"
Timothy, 3 lbs.;	Western Rye 5 lbs.	6 lbs.	"
Alsike			"
Timothy, 3 lbs.;	Western Rye, 5 lbs.	5 lbs.	"
Red Clover			"

VEGETABLE SEEDS

	Quantity per acre
Artichoke, 1 oz. to 500 plants.	6 oz.
Asparagus, 1 oz. to 800 plants.	1 lb.
Beans, 2 lbs. to 100 ft. of drill.	1 bu.
Beet, garden, 1 oz. to 50 ft. of drill.	6 lbs.
Broccoli, 1 oz. to 2,500 plants.	8 oz.
Cabbage, 1 oz. to 2,500 plants.	8 oz.
Carrot, 1 oz. to 100 ft. of drill.	3 lbs.
Cauliflower, 1 oz. to 2,500 plants.	8 oz.
Celery, 1 oz. to 3,000 plants.	10 lbs.
Corn, sweet, 1 lb. to 100 hills.	2 lbs.
Cucumber, 1 oz. to 50 hills.	2 lbs.
Kohl Rabi, 2 oz. to 100 feet of drill.	3 lbs.
Leek, 1 oz. to 100 ft. of drill.	4 lbs.
Lettuce, 1 oz. to 100 feet of drill.	3 lbs.
Onion Seed, 1 oz. to 100 feet of drill.	6 lbs.
Onion Sets, 2 lbs. to 40 ft. of drill.	8 bu.
Parsnip, 1 oz. to 100 ft. of drill.	5 lbs.
Parsley, 1 oz. to 50 ft. of drill.	3 lbs.
Peas, garden, 1 lb. to 40 ft. of drill.	3 bu.
Pepper, 1 oz. to 1,500 plants.	4 ozs.
Pumpkin, 1 oz. to 25 hills.	8 to 10 lbs.
Radish, 1 oz. to 100 ft. of drill.	9 to 10 lbs.
Squash, 1 oz. to 25 hills.	3 lbs.
Tomato, 1 oz. to 1,500 plants.	4 ozs.
Turnip, 1 oz. to 50 ft. of drill.	2 lbs.

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